



**GRAVITY WARM AIR
REGISTERS-GRILLES
FACES & ACCESSORIES**

U. S. FINISHES

ABBREVIATIONS AND EXPLANATIONS OF MOST POPULAR FINISHES BY GROUPS.

Other Finishes Than Listed Below May Be Furnished on Special Order to Match Sample.

ARRANGED IN GROUPS

Finish Group No.	Description of Finish	Symbol of Finish
GROUP 1	Prime Coat	P.C.
	Black Japan	B.J.
	Brown Enamel (High Heat Test)	E.B.
	Metalac	M.T.
	Plain Steel	P.S.
GROUP 2	White	W.
	Ivory	IV.
	Oak Grain	OAK
	Lacquered Antique Brass	L.B.A.B.
	Lacquered Brushed Brass	L.B.B.B.
	Lacquered Oxidized Copper	L.B.O.C.
	Lacquered Medium Bronze	L.B.M.B.
	Lacquered Oxidized Brass	L.B.O.B.
GROUP 3 (Electroplated)	Lacquered Dull Nickel	L.B.D.N.
	Oxidized Copper	O.C.
	Statuary Bronze	St.Bz.
	Medium Bronze	M.Bz.
	Light Bronze	Lt.Bz.
	Polished Copper	P.Cop.
	Brushed Copper	B.C.
	Oxidized Brass	O.B.
	Brushed Brass	B.Br.
	Polished Brass	P.B.
	Nickel	N.
	Polished Cadmium	P.Cad.
GROUP 4 (Electroplated)	Plain Cadmium	Cad.
	Brushed Cadmium	B.Cad.
	Polished Chrome	P.Ch.
	Satin Chrome	S.Ch.
	Sand Blast Brass	S.B.B.
	Antique Sand Blast Brass	A.S.B.B.
	Sand Blast Oxidized Brass	S.B.O.B.
	Sand Blast Nickel	S.B.N.

Prime Coat Finish furnished on all Air-Conditioning Registers and Grilles if not otherwise specified or Finish is omitted.

Metalac Finish can be painted or used as a Prime Coat Finish.



GENERAL OFFICE AND PRODUCTION FACTORIES — BATTLE CREEK, MICHIGAN, U. S. A.

The Most Modern and Complete Plant of its Kind in the Register Industry. Over 243,000 Square Feet of Floor Area. Located on Main Rail Lines and Truck Lines. Total Floor Space of All Factories Over 425,000 Square Feet.

The Only Register Manufacturer with Definitely-Owned Branch Factories and Warehouses for Nation-Wide Efficient Distribution and Service to the Heating, Ventilating and Air-Conditioning Industry.

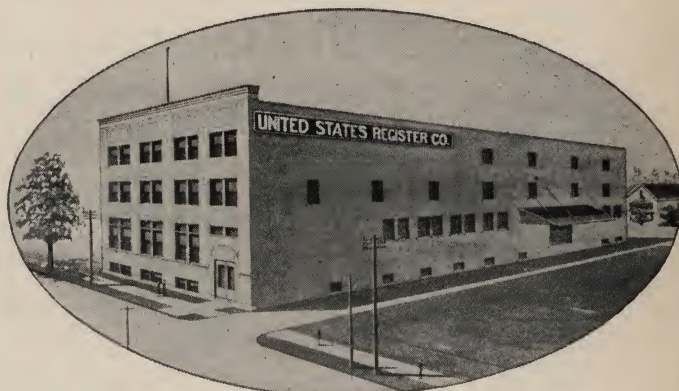
The Only Register Manufacturer Also Producing a Complete Line of Furnace Pipe and Fittings.

From these Branch Factories Radiate Service on U. S. Products — Registers and Fittings to All Parts of the U.S.A.

Not
Served
by Our
Main
Factories
at
Battle Creek,
Michigan



330-332 W. Fifth St., Kansas City, Mo.



2109 Cedar Avenue, Minneapolis, Minn.



5-7 Jackson Street, Albany, N. Y.

UNITED STATES REGISTER CO.

GENERAL OFFICES AND FACTORIES, BATTLE CREEK, MICHIGAN, U. S. A.



Catalog No. 41 G

PRESENTING the LATEST OFFERINGS of

GRAVITY REGISTERS and FACES

No. 40 Series Baseboard Registers
Panama Baseboard Registers
National Baseboard Registers
Sidewall Registers
Floor Registers — 4 Classes
Cold Air Faces — 4 Classes
Baseboard Cold Air Vents and Faces
Duplex Gratings for Pipeless Furnaces
Adjustable Ceiling Ventilators

GENERAL HEATING and VENTILATING LINES

Wire Screens
Wire Window Guards
Perforated Metal Grilles
Back-Pressure Dampers
Exhaust Fan Dampers
Outside Intake Ventilators

ACCESSORY LINES

Warm Air Dampers
No-Rivet Clips and Tips
Combination "Long-Stem" Damper Clips
Elbow and Draw-Band Lugs

For Air-Conditioning Lines Refer to Air-Conditioning Register Catalog No. 41 A-C

With this Catalog we wish to present the most Complete and Comprehensive Information on GRAVITY REGISTERS etc. that over 40 Years Experience has made possible to produce and offer.

We exert every Supreme Effort to execute and ship all orders promptly and satisfactorily—Guarantee our Quality Superior and Second to None—Our Prices at all times Definitely Competitive.

This Policy is reflected by our Success today of being the LARGEST PRODUCER of the Lines We Manufacture, and Positively LEADERS in Quality Products.

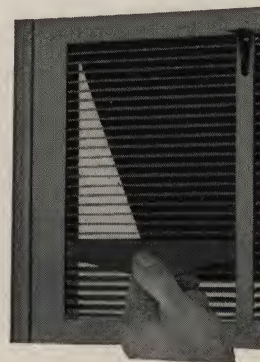
Positively No Merchandise Returned for Credit Without Our Written Permission.

No. 40 U. S. BASEBOARD REGISTER with Detachable Face Practical for Converting Gravity to Air-Conditioning Installations

Guaranteed Efficient for Gravity Installations

Specially ADAPTED for CONVERSION of GRAVITY HEATING INSTALLATIONS to MODERNIZED AIR-CONDITIONING HEATING SYSTEMS without changing sizes of original stackheads—thus eliminating patching of walls and redecorating.

A Leak-Proof Register — Ultimate Cost Installed is Less Than a One-Piece Register



Setting Flex-Bar Grille with Setting Wrench.

No. 40 SERIES is made in ALL STANDARD BASEBOARD SIZES with Standard Base Extensions. Catalog number designates STYLE, SIZE and BASE EXTENSION.

NON-VISION FEATURE Grille-Bars are $\frac{1}{4}$ inch deep. Spaced $\frac{1}{4}$ inch apart. From Point of Vision Completely Conceals View of Damper and Interior of Register Head.

VALVE OPERATION allows Damper to open to full 90° if necessary and will remain positively firm at any setting with any Velocity of Air-flow. Adjustments may be made to any pressure of Valve-lever Operation desired.

MAXIMUM FREE AREA—Louver Bars are set at 90° with Face which by Actual Test Develops an Air-stream through the Louver Grille Parallel with the Floor Line and A FREE AREA POSITIVELY EQUAL TO ANY TYPE OF GRAVITY BASEBOARD REGISTER.

RESISTANCE TESTS Conducted at UNIVERSITY TESTING LABORATORIES have proven officially that the No. 40 BASEBOARD REGISTER has LESS RESISTANCE in Inches of Water than any of the Standard Types of Gravity Baseboard Registers.

UNIVERSAL PERFORMANCE therefore is assured for both GRAVITY and CONVERTED AIR-CONDITIONED INSTALLATIONS by the use of the No. 40 SERIES.

FLEXIBILITY OF AIR-FLOW may be easily attained when desired by SETTING LOUVER BARS of GRILLE with SETTING WRENCH to any Required Angle of Up-flow or Down-flow.

CONVERSION ADAPTABILITY Makes it a Simple Register Problem to Convert an OLD GRAVITY JOB to a MODERNIZED AIR-CONDITIONED SYSTEM without replacing of Register-heads, without Disturbing Wall Decorations or Cutting and Fitting of BASEBOARDS. SIMPLY Attach the No. 40 SERIES to the Register Heads already installed.

DESIGN APPEARANCE — RETIRING, INCONSPICUOUS and GIVES TOUCH and TONE to ANY INSTALLATION and BLENDS in with all kinds of Surroundings.

METALAC — A NEW FINISH TAKING THE GROUP 1 BLACK JAPAN and PRIME COAT LIST. A VERY DESIRABLE BROWN SHADE of ANTIQUE BRASS WHICH LENDS ITSELF SPLENDIDLY to the No. 40 SERIES DESIGN. May be used also as a Prime Coat Finish.

UNITED STATES REGISTER COMPANY



The U. S. Method of Connecting No. 40 BASEBOARD REGISTER to Stackhead

A Feature that is Very Essential on Converted Air-Conditioning Installation Is To Prevent Leakage Between Register and Register Head Which This Definitely Accomplishes.



THE U. S. METHOD of Flanging the Register Head Collar over the Baseboard Frame DEFINITELY PREVENTS LEAKAGE. ULTIMATE INSTALLATION COST IS LESS THAN With One-piece Baseboard Registers. One-piece Baseboard Registers cannot prevent leakage. This Method of Attachment was originated by and has been An Outstanding Feature of U. S. Two-Piece Baseboard Registers.



Patented
Showing Method of Attaching Register Face to the Baseboard Frame

The Patented Turn-Button of Two-Piece U. S. BASEBOARD REGISTERS attaches Face to the Frame with a HALF-TURN of a Screw-driver more Tightly than can be done Safely with bolts or screws which become Lost and must be replaced. This Feature is embodied in the Construction of the new No. 40 LINE.

STUDY CAREFULLY THE ABOVE VERY SUPERIOR FEATURES OF THE NO. 40 LINE, and note that the No. 40 SERIES of U. S. BASEBOARD REGISTERS may be used with Regular Register Heads made for Standard Two-Piece U. S. Baseboard Registers.

LIST PRICES No. 40 Series U. S. BASEBOARD REGISTERS

Catalog Number	Size of Face in Inches	Base Extension Beyond Plaster in Inches	Metalac Black Japan or Prime Coat Group 1	White Lacquered Bronze Oak Group 2	Electroplated Brass, Bronze and Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Number Per Case	Free Area Square Inches	Overall Width	Overall Height	Gross Weight Each
43	10x8	1 1/8	\$2.00	\$2.35	\$3.50	\$3.85	25	64	13 3/8	11 5/8	4.5
42	12x8	1 1/8	2.40	2.90	3.95	4.35	25	78	15 3/8	11 5/8	5.0
44	12x9	1 1/8	2.50	3.00	4.00	4.40	25	88	15 3/8	12 3/4	5.6
*43 1/2	10x8	2 1/4	2.00	2.35	3.50	3.85	25	64	13 3/8	11 3/8	4.7
*42 1/2	12x8	2 1/4	2.40	2.90	3.95	4.35	25	78	15 3/8	11 3/8	5.3
44 1/2	12x9	2 1/4	3.00	3.50	4.50	4.90	25	88	15 3/8	12 1/2	5.5
42 1/4	12x8	3 1/4	3.00	3.50	4.50	4.90	25	78	15 3/8	11 1/4	5.5
*44 1/4	12x9	3 1/4	3.00	3.50	4.50	4.90	25	88	15 3/8	12 3/8	6.0
45 1/4	12x10	3 1/4	4.00	4.60	5.75	6.35	25	98	15 3/8	13 3/8	6.4
46	13x11	3 1/4	4.50	5.25	6.75	7.50	25	118	16 3/8	14 3/8	7.0
*456	13x11	5 1/4	5.25	6.00	7.50	8.25	20	118	16 3/8	13 7/8	7.3

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	(Electroplated)	CH.	Chrome Plated	
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B.	Lac'd. Brush Brass				

*Industry Approved Standard Sizes which are carried in Stock for Prompt Service.



UNITED STATES REGISTER COMPANY

No. 240 U. S. Sidewall Register

To Match the Design of No. 40 Series Baseboard Register

Grille-Bars are flexible and may be set with Wrench for UPWARD and DOWNWARD FLOW.



Borders have a formed Bevelled Edge that Fits Tightly to Finished Wall Surface and as a Sidewall Register conforms Perfectly to the Appearance of the No. 40 Series Baseboard Register.

The No. 240 U. S. Sidewall Register as standard equipment is furnished with a Band Steel Frame that is attached to the inside of the Stackhead with Metal Straps that Loop through Slot Holes in the Frame—or may be attached to Stackhead with Metal Screws for which holes are arranged in the frame in the sides as well as top and bottom.

Above illustration shows Method of Attaching Band Frame to Stackhead.

LIST PRICES No. 240 U. S. SIDEWALL REGISTERS

Size of Stackhead Opening Wide x High	Width of Standard Wallstack	Metalac Black Japan or Prime Coat Group 1	White Lacquered Bronze Oak Grain Group 2	Plated Brass Bronze, Nickel and Cadmium Group 3	Chrome and Sand Plated Group 4	Number Per Case	Free Area Square Inches	Overall Size of Face	Gross Weight Each
*10 x 8	10"	\$1.50	\$1.80	\$2.85	\$3.50	25	64	11 1/4 x 9 3/4	3.4
*12 x 8	12"	1.75	2.10	3.30	4.00	25	78	13 3/4 x 9 3/4	3.8
12 x 9	12"	1.90	2.30	3.60	4.60	25	88	13 3/4 x 10 3/4	4.4

Order by No. 240—Stackhead Size and Finish. First Dimension represents Width, Second represents Height.

Made in Horizontal Styles only as Standard.

Vertical Styles made to SPECIAL ORDER and at Special Extra Cost for Special Production.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	(Electroplated)	CH.	Chrome Plated	
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B.	Lac'd. Brush Brass				

*Industry Approved Standard Sizes which are carried in Stock for Prompt Service.

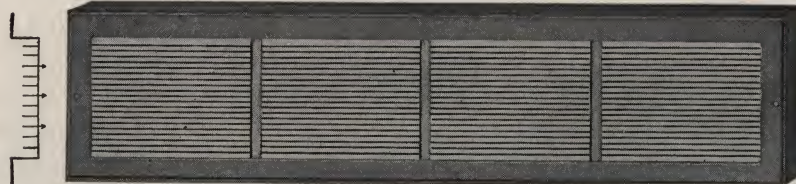
UNITED STATES REGISTER COMPANY



No. 175 7/8 Inch Baseboard Vent Creates Further Standardization

To Match Design of No. 40 Series Baseboard Register

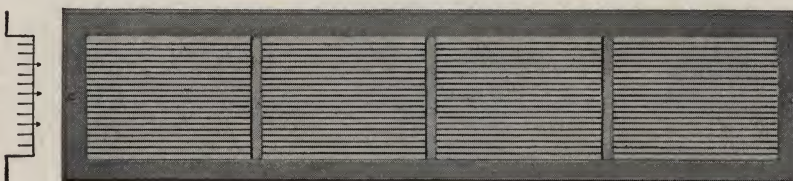
SAME GRILLE
DESIGN AS
No. 40 LINE



7/8 INCH BASE-
BOARD EXTEN-
SION FOR
BASEBOARD
SETTINGS

No. 175—Horizontal-Bar Design. Furnished with Attaching Wood Screws.

MATCHES
GRILLE DE-
SIGN of No. 40
LINE



FLAT BEV-
ELLED EDGE
BORDER to SET
AGAINST
BASEBOARD or
FLAT SURFACE

No. 177—Horizontal-Bar Design. Furnished with Attaching Wood Screws.

LIST PRICES of No. 175 Baseboard Vent-7/8 inch Extension

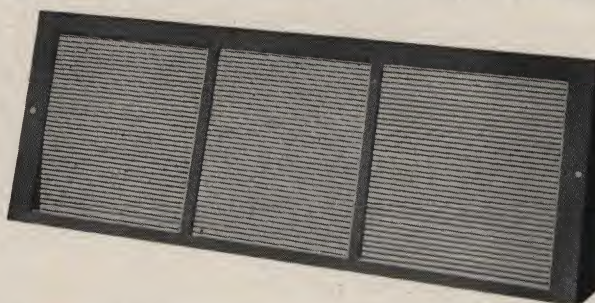
Catalog Size or Duct Opening	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Overall Size Wide x High	Free Area Square Inches	Gross Weight Each
14 x 4	\$1.05	\$1.20	\$2.00	\$3.10	15 1/4 x 5 1/4	45	1.8
30 x 4	1.75	2.05	3.30	5.15	31 1/4 x 5 1/4	96	4.

LIST PRICES of No. 177 Flat Vent Bevelled Edge Border

Catalog Size or Duct Opening	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Overall Size Wide x High	Free Area Square Inches	Gross Weight Each
14 x 4	\$.95	\$1.10	\$1.90	\$3.00	15 1/4 x 5 1/4	45	1.5
30 x 4	1.55	1.85	3.10	4.95	31 1/4 x 5 1/4	96	3.1

No. 40 U. S. Baseboard Cold-Air Faces (Specify Size by Number)

For BASEBOARD INSTAL-
LATION WHERE COLD
AIR RETURNS CANNOT
BE LOCATED IN THE
FLOOR OR ARE PRE-
FERRED IN BASEBOARD.



MATCH GRILLE DESIGN
of No. 40 BASEBOARD
LINE. ATTACHES TO
WALL WITH WOOD-
SCREWS FURNISHED
WITH EACH FACE.

Catalog Number	Duct-Wall Size Wide x High	Base Extension in Inches	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Free Area Square Inches	Gross Weight Each
4014	14 x 10	3 1/4	\$2.50	\$3.00	\$4.50	\$4.80	113	4
4030	30 x 10	3 1/4	5.00	6.25	9.00	10.00	240	8.3
4232	32 x 12	3 1/4	7.00	8.40	11.00	12.00	314	9.8

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	(Electroplated)	CH.	Chrome Plated	
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B.	Lac'd. Brush Brass				



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No. 30 U. S. BASEBOARD CONVERSION REGISTER

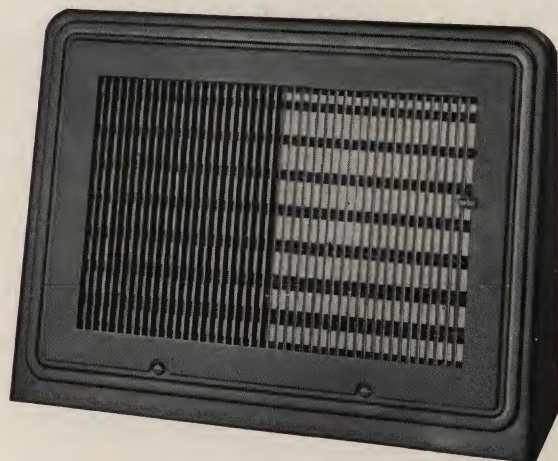
With Detachable Face

AN INNOVATION for Modernizing Old Gravity Jobs into Efficient Air-Conditioning Systems

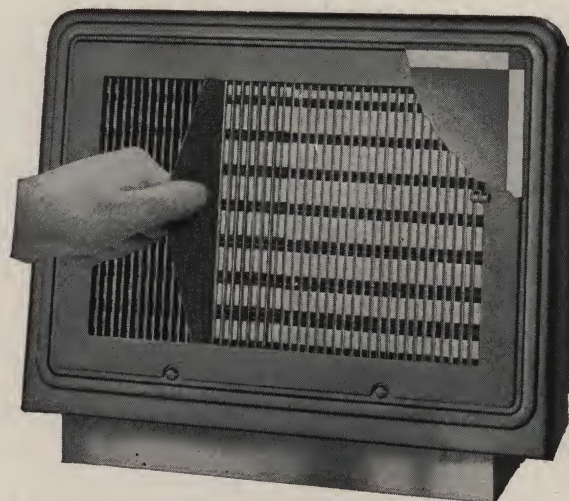
Use the Same Gravity Baseboard and Sidewall Heads and Eliminate Patching Walls and Redecorating.

Standard Setting of Vertical Grille-Bars is 22° Right and 22° Left Flow. May be set to any desired angle of Air-Flow with Setting-Wrench. Upward and Downward Flow furnished by Lever-Operated Horizontal Multiple-Valves back of Grille. Ideal for Corner Room Locations and Summer Cooling.

DIRECTS THE AIR-FLOW WHERE IT IS NEEDED



No. 30 Series has Turn-Buttons for Attaching Grille to the Frame.
NO LOOSE SCREWS.



Showing Grille-Bar Setting.
Note how Stackhead Flanges over Baseboard Frame.

LIST PRICES No. 30 Series U. S. BASEBOARD REGISTERS

Catalog Number	Size of Face in Inches	Base Extension Beyond Plaster in Inches	Metalac Black Japan or Prime Coat	White Lacquered Bronze Oak	Plated Brass, Bronze, Nickel and Cadmium	Chrome and Sand Plated	Number Per Case	Free Area Square Inches	Overall Width	Overall Height	Gross Weight Each
			Group 1	Group 2	Group 3	Group 4					
33	10x8	1 1/8	\$2.60	\$2.95	\$4.10	\$4.45	25	64	13 3/8	11 1/8	6.
32	12x8	1 1/8	3.05	3.55	4.60	5.00	25	78	15 1/8	11 1/8	6.1
34	12x9	1 1/8	3.20	3.70	4.70	5.10	25	88	15 1/8	12 1/8	6.3
*33 1/2	10x8	2 1/4	2.60	2.95	4.10	4.45	25	64	13 3/8	11 1/8	6.1
*32 1/2	12x8	2 1/4	3.05	3.55	4.60	5.00	25	78	15 1/8	11 1/8	6.2
34 1/2	12x9	2 1/4	3.70	4.20	5.20	5.60	25	88	15 1/8	12 1/8	6.3
32 1/4	12x8	3 1/4	3.65	4.15	5.15	5.55	25	78	15 1/8	13 1/8	6.3
*34 1/4	12x9	3 1/4	3.70	4.20	5.20	5.60	25	88	15 1/8	12 1/8	6.4
35 1/4	12x10	3 1/4	4.75	5.35	6.50	7.10	25	98	15 1/8	13 3/8	6.7
36	13x11	3 1/4	5.30	6.05	7.55	8.30	25	118	16 1/8	14 1/8	7.2
*356	13x11	5 1/4	6.05	6.80	8.30	9.05	20	118	16 1/8	13 3/8	8.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	(Electroplated)		CH.	Chrome Plated
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B.	Lac'd. Brush Brass				

*Industry Approved Standard Sizes which are carried in Stock for Prompt Service.

UNITED STATES REGISTER COMPANY

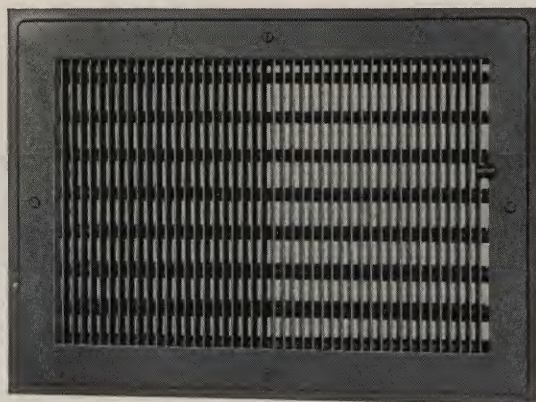


No. 230 U. S. SIDEWALL CONVERSION REGISTER

A Sidewall Register that matches the No. 30 U. S. CONVERSION BASEBOARD LINE Perfectly.

Equipped with Lever-Operated Horizontal Multiple-Valves that divert the Air-Stream Upward or Downward Flow. From Straight-Flow to any Angle in either Direction.

Grille-Bars may be set to Desired Angle of Air-Flow with Setting Wrench for Right or Left Flow. Standard Grille-Bar Setting is two-way flow—22° Right and 22° Left. The 60° Up-Flow Feature is IDEAL for Summer Air-Conditioning.



The No. 230 U. S. Sidewall Conversion Register Completes the Change-Over of an Old-Style Gravity to a Modernized Air-Conditioning System.

Note Wide Border specially adapted to replacement work.

Flat Bevelled Edges overlap wall to cover Decoration and Finish of Wall.

No. 230—Sidewall Conversion Registers are Listed Below in Three Standard Sizes only. (Other sizes that are possible to make — on special order).

Standard Listed Sizes Include Band Frames that attach to Inside of Stackhead and Rubber Sealing Gaskets attached to back of Face to Prevent Streaking Walls.

LIST PRICES of NO. 230 U. S. CONVERSION SIDEWALL REGISTERS

Size of Stackhead Opening Wide x High	Width of Standard Wallstack	Metalac Black Japan or Prime Coat Group 1	White Lacquered Bronze Oak Group 2	Plated Brass Bronze, Nickel and Cadmium Group 3	Chrome and Sand Plated Group 4	Free Area Square Inches	Overall Size	Gross Weight Each
*10 x 8	10"	\$2.45	\$2.65	\$3.45	\$4.65	64	11 3/4 x 9 3/4	4
*12 x 8	12"	2.65	2.85	3.75	5.05	78	13 3/4 x 9 3/4	4.8
12 x 9	12"	2.90	3.10	4.10	5.50	88	13 3/4 x 10 3/4	5.3

Order by No. 230—Stackhead Size and Finish. First Dimension Represents Width, Second Represents Height. Made in Horizontal Styles only as standard.

USE BASEBOARD VENTS No. 176 3/8 inch Extension to match No's. 30 and 230. See Page 14, No. 41 A-C Catalog.

USE FLAT VENTS No. 178 to match No's. 30 and 230. See Page 14, No. 41 A-C Catalog.

USE BASEBOARD COLD AIR FACES No's. 4014, 4030, 4232 on Installations with No. 30 Baseboard and No. 230 Sidewall Registers. See Page 6. — If required in Vertical Style specify as No's. 3014, 3030 and 3232.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes (Electroplated)		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	B.Br.	Brush Brass	CH.	Chrome Plated
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	M.Bz.	Medium Bronze	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W	White	S.Bz.	Statuary Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	Cad.	Cadmium		
		I.V.	Ivory				
		L.B.B.B.	Lac'd. Brush Brass				

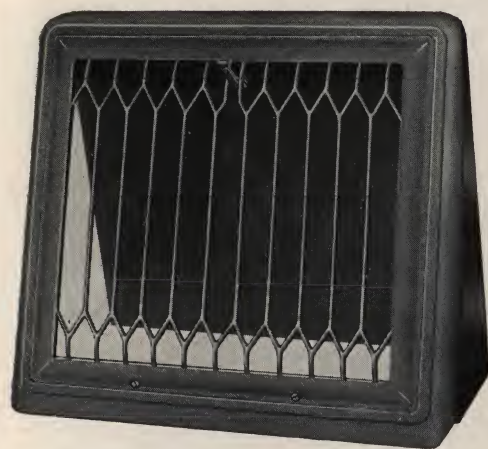
*Industry Approved Standard Sizes which are carried in Stock for Prompt Service.



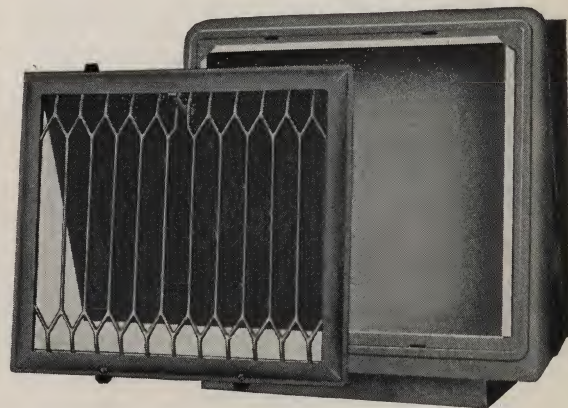
UNITED STATES REGISTER COMPANY

PANAMA BASEBOARD REGISTERS—Vertical Embossed Bar Design

Two-Piece Style — with Removable Center — Affords Maximum Capacity



PANAMA REGISTER is made of two parts — a register and a frame. The frame fits against the plastered wall and the register box passes through and flanges over the Frame making a Perfect Sealed Connection between register and box. The center, or register proper, attaches to the frame by means of two lugs at the top and one or two turn-buttons at the bottom, making a neat finish, as shown in the illustration. We guarantee Panama Registers against breakage. The turn-buttons at bottom release or fasten center to frame by a half turn with a screw driver.



Showing Face Detached from the Frame

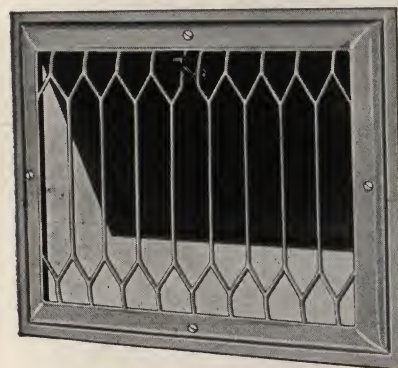
IMPORTANT. — To derive full benefit of the Streak-Preventing Feature of Panama Registers, permit flange of Register box to extend through and bend over frame. The center is removable.

PANAMA REGISTERS Properly Installed DO NOT STREAK WALLS LIST PRICES OF PANAMA BASEBOARD REGISTERS

Catalog Number	Size of Face in Inches	Base Extension Beyond Plaster	Metalac Black Japan Prime Coat Group 1	White Oak Lacquered Bronze Group 2	Plated Brass, Bronze Nickel and Cadmium Group 3	Chrome and Sand Plated Group 4	Number Per Case	Free Area Square Inches	Overall Width	Overall Height	Gross Weight Each
953	10 x 8	1 1/8	\$2.00	\$2.35	\$3.50	\$3.85	25	63	13 3/8	11 5/8	3.5
952	12 x 8	1 1/8	2.40	2.90	3.95	4.35	25	77	15 5/8	11 5/8	3.8
954	12 x 9	1 1/8	2.50	3.00	4.00	4.40	25	87	15 5/8	12 3/4	4.3
*953 1/2	10 x 8	2 1/4	2.00	2.35	3.50	3.85	25	63	13 3/8	11 3/8	3.8
*952 1/2	12 x 8	2 1/4	2.40	2.90	3.95	4.35	25	77	15 5/8	11 3/8	4
954 1/2	12 x 9	2 1/4	3.00	3.50	4.50	4.90	25	87	15 5/8	12 1/2	4.5
952 1/4	12 x 8	3 1/4	3.00	3.50	4.50	4.90	25	77	15 5/8	13 1/2	4.3
*954 1/4	12 x 9	3 1/4	3.00	3.50	4.50	4.90	25	87	15 5/8	12 3/8	4.5
955 1/4	12 x 10	3 1/4	4.00	4.60	5.75	6.35	25	96	15 5/8	13 3/8	4.8
*956	13 x 11	3 1/4	4.50	5.25	6.75	7.50	25	115	16 5/8	14 3/8	5.3
9556	13 x 11	5 1/4	5.25	6.00	7.50	8.25	25	115	16 5/8	13 3/8	5.5
9557	14 x 12	5 1/4	6.50	7.50	8.50	9.50	25	130	17 5/8	14 3/8	6.3

*Industry Approved Standard Sizes which are carried in stock for Prompt Service.

LIST PRICES OF PANAMA SIDEWALL REGISTERS (Single Valve)



Size of Stackhead Opening Wide x High	Standard Wallstack	Metalac Black Japan Prime Coat Group 1	White Oak Lacquered Bronze Group 2	Plated Brass, Bronze Nickel and Cadmium Group 3	Chrome and Sand Plated Group 4	Number Per Case	Free Area Square Inches	Overall Size of Face	Gross Weight Each
10 x 6	3 1/4 x 10	\$1.35	\$1.65	\$2.60	\$3.15	25	48	11 3/4 x 7 3/4	1.5
12 x 6	3 1/4 x 12	1.55	1.80	3.00	3.55	25	58	13 3/4 x 7 3/4	2.3
14 x 6	3 1/4 x 14	1.80	1.95	3.85	4.50	25	65	15 3/4 x 7 3/4	2.3
*10 x 8	3 1/4 x 10	1.50	1.80	2.85	3.50	25	63	11 3/4 x 9 3/4	2
*12 x 8	3 1/4 x 12	1.75	2.10	3.30	4.00	25	77	13 3/4 x 9 3/4	2.3
12 x 9	3 1/4 x 13	1.90	2.30	3.60	4.60	25	87	13 3/4 x 10 3/4	2.5
12 x 10	5 1/4 x 12	2.20	2.65	4.00	4.85	25	96	13 3/4 x 11 3/4	2.8
13 x 11	5 1/4 x 14	2.85	3.40	4.75	5.90	25	115	14 3/4 x 12 3/4	3.5
14 x 12	5 1/4 x 14	3.95	4.75	6.20	7.20	25	130	15 3/4 x 13 3/4	4.2

Horizontal and Vertical Styles
First Figure represents Width
For Example
10 x 8-H means Horizontal
8 x 10-V means Vertical

PANAMA Sidewall Registers are equipped with Angle Iron Frames which attach to inside of Stackhead with Metal Straps or Metal Screws.

*Industry Approved Standard Sizes which are carried in stock for Prompt Service.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes
B.J. Black Japan
M.T. Metalac
P.C. Prime Coat
P.S. Plain Steel

Group-2-Finishes
L.B.A.B. Lac'd. Antique Brass
L.B.O.C. Lac'd. Oxidized Cop.
W. White
Oak Medium Oak
I.V. Ivory
L.B.B.B. Lac'd. Brush Brass

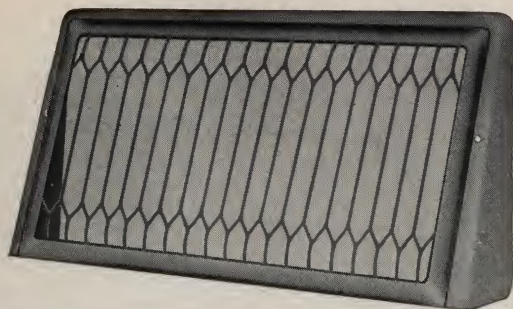
Group-3-Finishes
(Electroplated)
B.Br. Brush Brass
M.Bz. Medium Bronze
S.Bz. Statuary Bronze
Cad. Cadmium

Group-4-Finishes
CH. Chrome Plated
S.B.B. Sand Blast Brass
A.S.B.B. Ant. Sand Brass

UNITED STATES REGISTER COMPANY



PANAMA BASEBOARD COLD-AIR FACES



STANDARD BASE EXTENSION 5 Inches.

Lesser Base Extension furnished on Special Order.

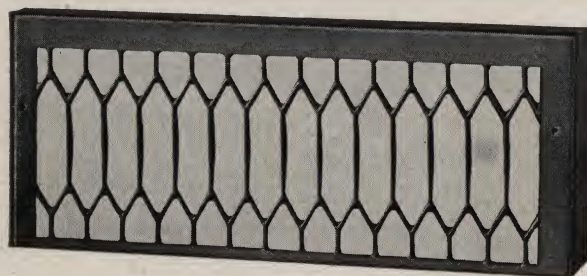
MADE TO MATCH PANAMA BASEBOARD REGISTER DESIGN.

ORDER by Catalog Number which designates Style and Size.

Attaches to Wall with Two Long Wood Screws which are furnished with PANAMA BASEBOARD COLD-AIR FACES.

LIST PRICES OF PANAMA BASEBOARD COLD-AIR FACES

Catalog Number	Catalog Wall Size Wide x High	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand-Plated Group 4	Free Area Square Inches	Gross Weight Each
9014	14 x 10	\$2.50	\$3.00	\$4.50	\$4.80	112	3.8
9030	30 x 10	5.00	6.25	9.00	10.00	240	4.9
9216	16 x 12	4.00	4.80	5.50	6.25	154	3.3
9226	26 x 12	5.50	6.60	8.25	9.25	250	4.5
9232	32 x 12	7.00	8.40	11.00	12.00	308	5



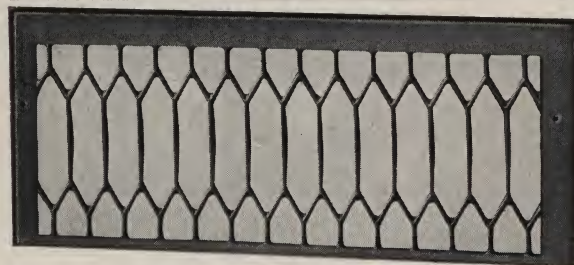
PANAMA BASEBOARD VENTILATING FACES

$\frac{7}{8}$ Inch Base Extension

LIST PRICES AND DATA OF PANAMA BASEBOARD VENTILATING FACES

$\frac{7}{8}$ INCH BASEBOARD EXTENSION

Catalog Number	Catalog Wall Size Wide x High	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand-Plated Group 4	Free Area Square Inches	Overall Size	Gross Weight Each
414	14 x 4	\$1.00	\$1.40	\$2.00	\$2.40	45	16 $\frac{1}{4}$ x 4 $\frac{5}{8}$	1
244	24 x 4	1.75	2.25	3.65	4.00	77	26 $\frac{1}{4}$ x 4 $\frac{5}{8}$	1.5
340	30 x 4	2.15	3.00	4.60	5.00	97	32 $\frac{1}{4}$ x 4 $\frac{5}{8}$	1.8
914	14 x 6	1.35	1.75	2.35	2.75	67	16 $\frac{1}{4}$ x 6 $\frac{5}{8}$	1.3
924	24 x 6	2.10	2.60	4.00	4.35	114	26 $\frac{1}{4}$ x 6 $\frac{5}{8}$	1.8
930	30 x 6	2.50	3.35	4.95	5.35	144	32 $\frac{1}{4}$ x 6 $\frac{5}{8}$	2.3



PANAMA FLAT VENTILATING FACES

Bevelled Edge (No Base Extension)

LIST PRICES AND DATA OF PANAMA FLAT VENTILATING FACES

Catalog Number	Catalog Wall Size Wide x High	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand-Plated Group 4	Free Area Square Inches	Overall Size	Gross Weight Each
414-F	14 x 4	\$1.00	\$1.40	\$2.00	\$2.40	45	16 $\frac{1}{4}$ x 4 $\frac{5}{8}$	.8
244-F	24 x 4	1.75	2.25	3.65	4.00	77	26 $\frac{1}{4}$ x 4 $\frac{5}{8}$	1
340-F	30 x 4	2.15	3.00	4.60	5.00	97	32 $\frac{1}{4}$ x 4 $\frac{5}{8}$	1.3
914-F	14 x 6	1.35	1.75	2.35	2.75	67	16 $\frac{1}{4}$ x 6 $\frac{5}{8}$	1
924-F	24 x 6	2.10	2.60	4.00	4.35	114	26 $\frac{1}{4}$ x 6 $\frac{5}{8}$	1.3
930-F	30 x 6	2.50	3.35	4.95	5.35	144	32 $\frac{1}{4}$ x 6 $\frac{5}{8}$	1.5

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		(Electroplated)		CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.		B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B. Lac'd. Brush Brass					

NATIONAL BASEBOARD REGISTERS — Embossed Diamond Lattice Design

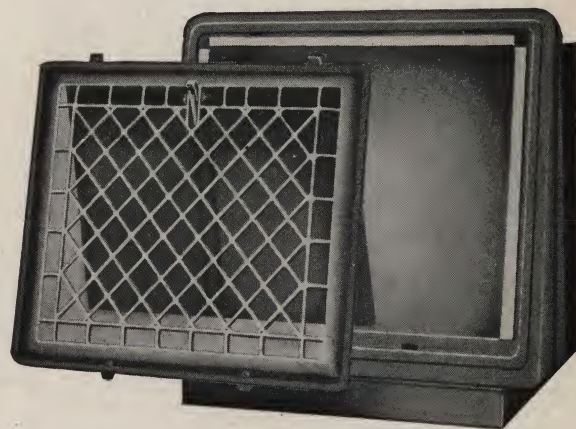
TWO-PIECE STYLE — with Removable Face — Largest Free Area of Any Lattice Design



First Floor Style

The NATIONAL REGISTER is made of two parts — a register and a frame. The frame fits against the plastered wall and the register box passes through and flanges over the frame making a Perfect Sealed Connection between Register and box. The center, or register proper, fastens over the opening of box by means of two lugs at the top and two turn buttons at bottom of center, which, with a half turn, releases or fastens the center to the register frame. No screws or bolts to be lost when completing installation.

IMPORTANT. — To derive full benefit of the streak-preventing feature of NATIONAL REGISTERS, permit flange of register box to extend through and bend over frame. The center is removable.



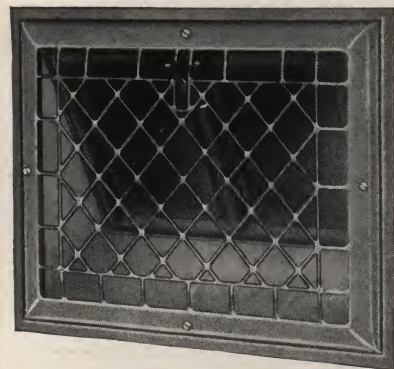
Showing Face Detached from the Frame

LIST PRICES OF NATIONAL BASEBOARD REGISTERS

Catalog Number	Size of Face in Inches	Base Extension Beyond Plaster	Metalac Black Japan Prime Coat Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Number Per Case	Free Area Square Inches	Overall Width	Overall Height	Gross Weight Each
53	10 x 8	1 1/8	\$2.00	\$2.35	\$3.50	\$3.85	25	60	13 3/8	11 5/8	3.3
52	12 x 8	1 1/8	2.40	2.90	3.95	4.35	25	72	15 5/8	11 5/8	3.8
54	12 x 9	1 1/8	2.50	3.00	4.00	4.40	25	81	15 5/8	12 3/4	4.3
*53 1/2	10 x 8	2 1/4	2.00	2.35	3.50	3.85	25	60	13 3/8	11 3/8	3.6
*52 1/2	12 x 8	2 1/4	2.40	2.90	3.95	4.35	25	72	15 5/8	11 3/8	4.1
54 1/2	12 x 9	2 1/4	3.00	3.50	4.50	4.90	25	81	15 5/8	12 1/2	4.3
52 1/4	12 x 8	3 1/4	3.00	3.50	4.50	4.90	25	72	15 5/8	13 1/2	4.5
*54 1/4	12 x 9	3 1/4	3.00	3.50	4.50	4.90	25	81	15 5/8	12 3/8	4.8
55 1/4	12 x 10	3 1/4	4.00	4.60	5.75	6.35	25	90	15 5/8	13 3/8	4.9
56	13 x 11	3 1/4	4.50	5.25	6.75	7.50	25	115	16 5/8	14 3/8	5.3
*556	13 x 11	5 1/4	5.25	6.00	7.50	8.25	20	115	16 5/8	13 3/8	5.5
557	14 x 12	5 1/4	6.50	7.50	8.50	9.50	20	126	17 5/8	14 7/8	6.8

Always order by Catalog Number which denotes Style, Size and Base Extension.

LIST PRICES OF NATIONAL SIDEWALL REGISTERS (Single Valve)



Size of Stackhead Opening Wide x High	Standard Wallstack	Metalac Black Japan Prime Coat Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Number Per Case	Free Area Square Inches	Overall Size of Face	Gross Weight Each
*10 x 8	3 1/4 x 10	\$1.50	\$1.80	\$2.85	\$3.50	25	60	11 3/4 x 9 3/4	2.0
*12 x 8	3 1/4 x 12	1.75	2.10	3.30	4.00	25	72	13 3/4 x 9 3/4	2.3
12 x 9	3 1/4 x 13	1.90	2.30	3.60	4.60	25	81	13 3/4 x 10 3/4	2.5
12 x 10	5 1/4 x 12	2.20	2.65	4.00	4.95	25	90	13 3/4 x 11 3/4	2.8
13 x 11	5 1/4 x 14	2.85	3.40	4.75	5.90	25	115	14 3/4 x 12 3/4	3.0
14 x 12	5 1/4 x 14	3.95	4.75	6.20	7.20	25	126	15 3/4 x 13 3/4	3.8

IMPORTANT.—NATIONAL SIDEWALL REGISTERS are made in Vertical Styles in the following sizes only: 8x10, 8x12, 9x12, 10x12.

Horizontal and Vertical Styles.
First Figure represents Width
For Example
10 x 8-H means Horizontal
8 x 10-V means Vertical

National Sidewall Registers are equipped with Angle Frames which attach to inside of Stackhead with metal straps or metal screws.

*Industry Approved Standard Sizes which are carried in Stock for Prompt Service.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes
B.J. Black Japan
M.T. Metalac
P.C. Prime Coat
P.S. Plain Steel

Group-2-Finishes
L.B.A.B. Lac'd. Antique Brass
L.B.O.C. Lac'd. Oxidized Cop.
W. White
Oak Medium Oak
I.V. Ivory
L.B.B.B. Lac'd. Brush Brass

Group-3-Finishes
(Electroplated)
B.Br. Brush Brass
M.Bz. Medium Bronze
S.Bz. Statuary Bronze
Cad. Cadmium

Group-4-Finishes
CH. Chrome Plated
S.B.B. Sand Blast Brass
A.S.B.B. Ant. Sand Brass

UNITED STATES REGISTER COMPANY



NATIONAL BASEBOARD Cold-Air Faces Standard Base Extension 5 Inches — Lesser Base Extensions Furnished on Special Order



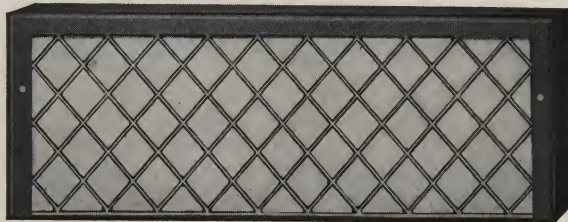
MADE TO MATCH NATIONAL BASEBOARD REGISTER DESIGN.

Order by Catalog Number which designates Style and Size.

Attaches to Wall with Two Long Wood Screws which are furnished with NATIONAL BASEBOARD COLD-AIR FACES.

LIST PRICES NATIONAL BASEBOARD COLD-AIR FACES

Catalog Number	Catalog Wall Size Wide x High	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Free Area Square Inches	Gross Weight Each
1014	14 x 10	\$2.50	\$3.00	\$4.50	\$4.80	105	3.5
1030	30 x 10	5.00	6.25	9.00	10.00	225	4.5
1216	16 x 12	4.00	4.80	5.50	6.25	144	3.1
1226	26 x 12	4.50	6.60	8.25	9.25	234	4.2
1232	32 x 12	7.00	8.40	11.00	12.00	288	4.9

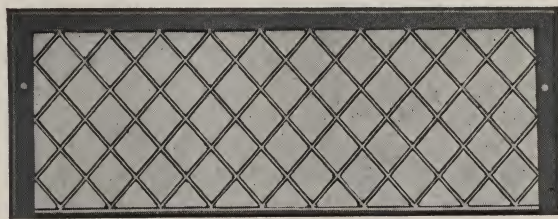


Attaches to Wall with Long Wood Screws.
Baseboard butts up to and against $\frac{7}{8}$ Inch Extension.

NATIONAL BASEBOARD VENTILATING FACES — $\frac{7}{8}$ Inch Base Extension

LIST PRICES AND DATA OF NATIONAL BASEBOARD VENTILATING FACES $\frac{7}{8}$ INCH BASEBOARD EXTENSION

Catalog Number	Catalog Wall Size Wide x High	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Free Area Square Inches	Gross Weight Each	Overall Size
514	14 x 4	\$1.00	\$1.40	\$2.00	\$2.40	42	1	16 $\frac{1}{4}$ x 5
524	24 x 4	1.75	2.25	3.65	4.00	72	1.5	25 $\frac{3}{4}$ x 5
530	30 x 4	2.15	3.00	4.60	5.00	90	1.8	31 $\frac{7}{8}$ x 5
614	14 x 6	1.35	1.75	2.35	2.75	63	1.3	16 $\frac{1}{4}$ x 6 $\frac{1}{4}$
624	24 x 6	2.10	2.60	4.00	4.35	108	1.8	25 $\frac{3}{4}$ x 6 $\frac{1}{4}$
630	30 x 6	2.50	3.35	4.95	5.35	135	2.3	31 $\frac{7}{8}$ x 6 $\frac{1}{4}$



NATIONAL FLAT VENTILATING FACES Bevelled Edge (No Base Extension)

LIST PRICES AND DATA OF NATIONAL FLAT VENTILATING FACES

Catalog Number	Catalog Wall Size Wide x High	Metalac Black Japan Prime Coat Plain Steel Group 1	White Lacquered Bronze Oak Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Free Area Square Inches	Gross Weight Each	Overall Size
514-F	14 x 4	\$1.00	\$1.40	\$2.00	\$2.40	42	.8	16 $\frac{1}{4}$ x 5 $\frac{1}{8}$
524-F	24 x 4	1.75	2.25	3.65	4.00	70	1	25 $\frac{3}{4}$ x 5 $\frac{1}{8}$
530-F	30 x 4	2.15	3.00	4.60	5.00	90	1.3	32 $\frac{1}{4}$ x 5 $\frac{1}{8}$
614-F	14 x 6	1.35	1.75	2.35	2.75	63	1	16 $\frac{1}{4}$ x 6 $\frac{1}{8}$
624-F	24 x 6	2.10	2.60	4.00	4.35	108	1.5	25 $\frac{3}{4}$ x 6 $\frac{1}{8}$
630-F	30 x 6	2.50	3.35	4.95	5.35	135	2	32 x 6 $\frac{1}{8}$

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes (Electroplated)		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	B.Br.	Brush Brass	CH.	Chrome Plated
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	M.Br.	Medium Bronze	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	S.Bz.	Statuary Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	Cad.	Cadmium		
		I.V.	Ivory				
		L.B.B.B.	Lac'd. Brush Brass				

No. 800 SERIES JONES-NATIONAL BASEBOARD REGISTERS

Are Now on a NEW LIST PRICE BASIS. Refer to Following Page 14.

COMPLETE with DOUBLE METAL BOXES and Furnished as Complete Packed Units. Two-Piece Construction. Removable Center. LEAK-PROOF SEALING STRIPS.

Four Types Complete with Register Heads, One and Two-Way, First and Second Floor.

FIRST FLOOR



One-Way

FIRST FLOOR



Two-Way

All Boxes for JONES-NATIONAL REGISTERS are made of heavy-gauge Galvanized Steel outer casing with an Inner Lining of Heavy Bright Tin.

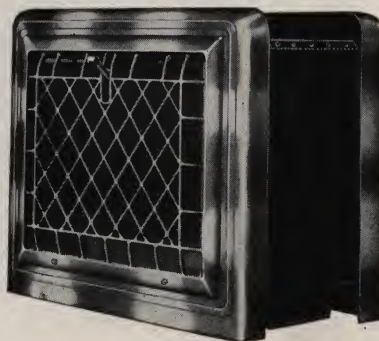
The Patented Sealing Strip Tightly Seals the Register Frame to the Box by merely bending over with the fingers.

Faces for JONES-NATIONAL REGISTERS are of two-piece Construction with Removable Center.

The Center of Face engages the Frame at the top by Two Lugs and is fastened or released at the bottom by a half turn of an Eccentric Lug — one on each side. Observe the Deeply Embossed Bars which afford the Maximum Capacity and Beauty in Design for which JONES-NATIONAL REGISTERS are Famous.

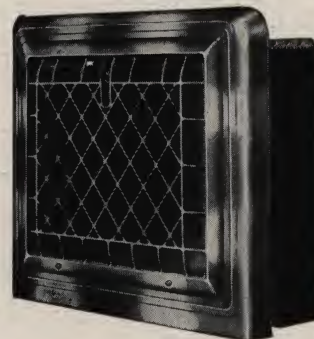
Bottom Collars of Second Floor Register Heads set Flush with Finished Floor.

SECOND FLOOR



Two-Way

SECOND FLOOR



One-Way

WHY U. S. BASEBOARD REGISTERS CUT INSTALLATION COSTS

A Positive "Child-Proof" Patented Attaching Device for Attaching Center to the Frame

This Feature is on All U. S. Gravity Baseboard Registers



Patented

No More Loose Screws to Lose When Installing

UNITED STATES REGISTER COMPANY



List Prices No. 800 SERIES (JONES-NATIONAL) BASEBOARD REGISTERS

Complete Units With Double Metal Boxes — ONE WAY STYLE

Catalog Number	Size of Face in Inches	Base Extension Beyond Plaster	Size of Boot	REGISTER LISTS				REGISTER HEAD LISTS		
				Metalac Black Japan Prime Coat	White Lacquered Bronze Oak	Plated Brass Bronze, Nickel and Cadmium Group 3	Chrome and Sand-Plated	Single Head Cut 20	Double Head Cut 30	Gross Weight Complete Unit
				Group 1	Group 2	Group 3	Group 4	USE FITTING DISCOUNT		
853	10 x 8	1 1/8"	3 1/4 x 10	\$2.00	\$2.35	\$3.50	\$3.85	\$4.00		8
852	12 x 8	1 1/8"	3 1/4 x 12	2.40	2.90	3.95	4.35	4.25		9
854	12 x 9	1 1/8"	3 1/4 x 13	2.50	3.00	4.00	4.40	4.65		9.3
*853 1/2	10 x 8	2 1/4"	6 1/8 x 10 5/8	2.00	2.35	3.50	3.85	3.70		8.3
*852 1/2	12 x 8	2 1/4"	6 1/8 x 12 5/8	2.40	2.90	3.95	4.35	3.85		9.5
854 1/2	12 x 9	2 1/4"	6 1/8 x 12 5/8	3.00	3.50	4.50	4.90	3.85		10
855	12 x 10	2 1/4"	6 1/8 x 12 5/8	3.75	4.35	5.50	6.10	3.85		10.5
852 1/4	12 x 8	3 1/4"	7 x 12 5/8	3.00	3.50	4.50	4.90	4.25		8.5
*854 1/4	12 x 9	3 1/4"	7 x 12 5/8	3.00	3.50	4.50	4.90	4.25		10
855 1/4	12 x 10	3 1/4"	7 x 12 5/8	4.00	4.60	5.75	6.35	4.25		11
856	13 x 11	3 1/4"	7 x 13 5/8	4.50	5.25	6.75	7.50	4.40		12
*8556	13 x 11	5 1/4"	9 x 13 5/8	5.25	6.00	7.50	8.25	5.15		12.5
8557	14 x 12	5 1/4"	9 x 14 5/8	6.50	7.50	8.50	9.50	5.30		13

TWO WAY STYLE

2-853	10 x 8	1 1/8"	3 1/4 x 10	4.00	4.70	7.00	7.70		\$4.00	10.5
2-852	12 x 8	1 1/8"	3 1/4 x 12	4.80	5.80	7.90	8.70		4.25	12.5
2-854	12 x 9	1 1/8"	3 1/4 x 13	5.00	6.00	8.00	8.80		4.65	13
*2-853 1/2	10 x 8	2 1/4"	8 1/2 x 10 5/8	4.00	4.70	7.00	7.70		4.40	12
*2-852 1/2	12 x 8	2 1/4"	8 1/2 x 12 5/8	4.80	5.80	7.90	8.70		4.75	13
2-854 1/2	12 x 9	2 1/4"	8 1/2 x 12 5/8	6.00	7.00	9.00	9.80		4.75	14
2-855	12 x 10	2 1/4"	8 1/2 x 12 5/8	7.50	8.70	11.00	12.20		4.75	16.5
2-852 1/4	12 x 8	3 1/4"	10 1/2 x 12 5/8	6.00	7.00	9.00	9.80		5.15	13
*2-854 1/4	12 x 9	3 1/4"	10 1/2 x 12 5/8	6.00	7.00	9.00	9.80		5.15	14
2-855 1/4	12 x 10	3 1/4"	10 1/2 x 12 5/8	8.00	9.20	11.50	12.70		5.15	17
2-856	13 x 11	3 1/4"	10 1/2 x 13 5/8	9.00	10.50	13.50	15.00		5.45	18
*2-8556	13 x 11	5 1/4"	14 1/8 x 13 5/8	10.50	12.00	15.00	16.50		6.15	18.5

For FREE Areas and Overall Dimensions refer to tables of National, Panama and No. 40 Series Baseboard Registers.

READ CAREFULLY—FORMER LISTS of JONES-NATIONAL (Combination) REGISTERS have been Supplanted by these New Lists.

ONE-WAY or SINGLE HEAD No. 800 Series (Jones-National) Baseboard Registers consist of One Baseboard Register — NATIONAL DESIGN — and a One Way double-metal Head.

Apply Register Discount to the List Price of the Register and Fitting Discount to the List Price of the Register Head.

TWO-WAY or DOUBLE HEAD No. 800 Series (Jones-National) Baseboard Registers consist of Two Baseboard Registers — NATIONAL DESIGN — and a Two-Way double-metal Head.

Apply Register Discount to the List Price of two Baseboard Registers and Fitting Discount to the List Price of the Register Head.

*Industry Approved Sizes which are carried in Stock for Prompt Service.

Top Collars in Register Heads are not included in No. 800 (Jones-National) Register Head List Prices, but may be furnished on Special Order at Slight Extra Cost.

If No. 40 SERIES DESIGN is Preferred order as above but Specify "NO. 40 SERIES DESIGN."

If PANAMA DESIGN is Preferred order as above but Specify "PANAMA DESIGN."

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		(Electroplated)		CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.		B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B. Lac'd. Brush Brass					



UNITED STATES REGISTER COMPANY

No. 700 SERIES (Jones-National Special) BASEBOARD REGISTERS —

Complete with Heads Out-of-the-Wall TYPE, REQUIRES NO PARTITION SPACE

Equipped with Double-Thickness Metal Heads Only — A Complete Unit

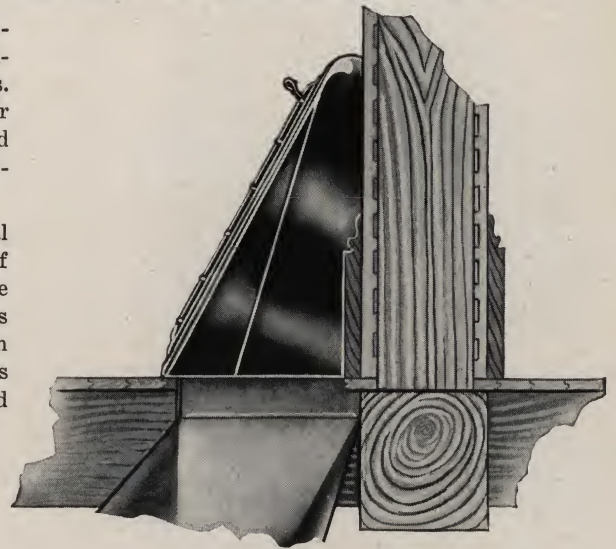
Can be installed in old houses as easily as floor registers, without cutting joists, sills, studding or lath and plaster.



First Floor
Complete with Double Box
Saves Cutting Joists and Sills

Register is of Two-Piece Construction — with Removable Center — Leak-Proof Sealing-Strips. Made in First Floor Sizes for Standard Basement Pipe Sizes and in Second Floor Sizes for Standard Wallpipe Sizes.

No. 700 Series (Jones-National Special) set against the Outside of Wall. Second Floor Registers are installed in the same manner as First Floor. Adapted for use in old buildings where wall stacks must be set outside of wall instead of inside.



LIST PRICES No. 700 Series (Jones-National Special) BASEBOARD REGISTERS, Complete with Heads FIRST FLOOR

Catalog Number	Size of Register Face in Inches	Size of Basement Pipe	Size of Boot	Metalac Black Japan Prime Coat Group 1	Oak White Lacquered Bronze Group 2	Brass Bronze Nickel Cadmium Group 3	Sand-Plated and Chrome Group 4	Gross Weight
753½	10 x 8	8	6¼ x 10½	\$5.50	\$6.00	\$7.00	\$7.50	8
754½	12 x 9	9	6¼ x 12½	6.75	7.25	8.25	8.75	10
755¼	12 x 10	10	7 x 12½	8.00	8.50	9.75	10.25	11
756	13 x 11	12	7 x 13½	8.50	9.25	10.50	11.50	12
7556	13 x 11	12	9 x 13½	9.50	10.25	11.50	12.50	14
7557	14 x 12	12 or 14	9 x 14½	11.00	12.00	13.00	14.00	15

SECOND FLOOR

Catalog Number	Size of Register Face	Size of Single Wall Stack	Size of Double Wall Stack	Metalac Black Japan Prime Coat Group 1	Oak White Lacquered Bronze Group 2	Brass Bronze Nickel Cadmium Group 3	Sand-Plated and Chrome Group 4	Gross Weight
753	10 x 8	3 x 10 or 3½ x 10	No. 7	\$5.00	\$5.50	\$6.50	\$7.00	8
752	12 x 8	3 x 12 or 3½ x 12	No. 8	5.50	6.25	7.00	7.75	10
754	12 x 9	3 x 13 or 3½ x 13	No. 9	6.00	6.75	7.50	8.00	10½

LIST PRICES No. 700 Series (Jones-National Special) BASEBOARD REGISTERS Without Boxes

Catalog Number	Size of Register Face		Metalac Black Japan Prime Coat Group 1	Oak White Lacquered Bronze Group 2	Brass Bronze Nickel Cadmium Group 3	Sand-Plated and Chrome Group 4
753½	10 x 8	First Floor	\$3.40	\$3.90	\$4.90	\$5.40
754½	12 x 9		4.55	5.05	6.05	6.55
755¼	12 x 10		5.60	6.10	7.35	7.85
756	13 x 11		6.00	6.75	8.00	9.00
757	14 x 12		7.20	8.20	9.20	10.20
7556	13 x 11		6.75	7.50	8.75	9.75
7557	14 x 12	Second Floor	8.00	9.00	10.00	11.00
753	10 x 8		3.15	3.75	4.65	5.25
752	12 x 8		3.50	4.25	5.00	5.75
754	12 x 9		3.80	4.55	5.30	5.80

If No. 40 SERIES DESIGN is Preferred order as above but specify "NO. 40 SERIES DESIGN."

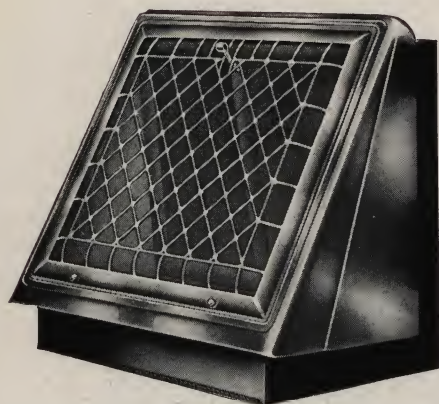
If PANAMA DESIGN is Preferred order as above but Specify "PANAMA DESIGN."

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

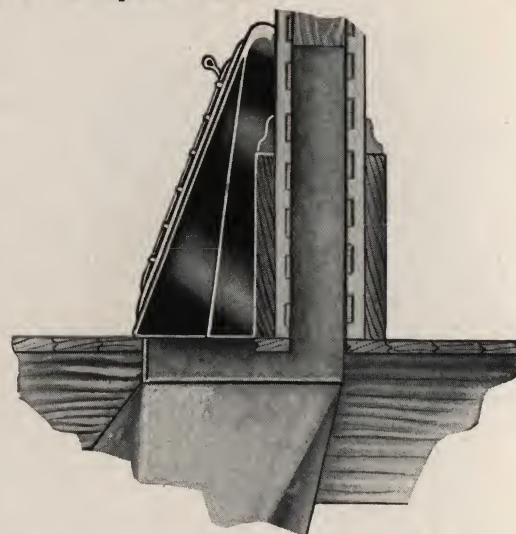
Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		(Electroplated)		CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.	B.Br.	Brush Brass		S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W. White	M.Bz.	Medium Bronze		A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak Medium Oak	S.Bz.	Statuary Bronze			
		I.V. Ivory	Cad.	Cadmium			
		L.B.B.B. Lac'd. Brush Brass					

No. 600 SERIES (Jones-National Flat-Stud) BASEBOARD REGISTERS

Complete with Heads for FLAT-STUD or TWO-INCH PARTITIONS
Equipped with Double-Thickness Metal Heads Only. A Complete Unit.



No. 600 Series JONES-NATIONAL "FLAT-STUD" REGISTERS are equipped with boxes for two-inch or flat studding, and with extra deep register fronts that will permit the required opening in the register box for the required size of basement pipe. Register is of Two-Piece Construction — with Removable Center. Leak-Proof Sealing Strips. Made in First Floor Sizes for Standard Basement Pipe Sizes and in Second Floor Sizes for Standard Wallpipe Sizes.



Complete With Double Box

LIST PRICES NO. 600 SERIES (Jones-National Flat-Stud) BASEBOARD REGISTERS. Complete with Heads

FIRST FLOOR

Catalog Number	Size of Register Face	Size of Basement Pipe	Size of Boot	Metalac Black Japan Prime Coat Group 1	White Oak Lacquered Bronze Group 2	Plated Brass, Bronze Nickel and Cadmium Group 3	Chrome and Sand-Plated Group 4	Gross Weight
653½	10 x 8	8	6¼ x 10½	\$5.50	\$6.00	\$7.00	\$7.50	8
654½	12 x 9	9	6¼ x 12½	6.75	7.25	8.25	8.75	10
655¼	12 x 10	10	7 x 12½	8.00	8.50	9.75	10.25	11
656	13 x 11	12	7 x 13½	8.50	9.25	10.50	11.50	12
6556	13 x 11	12	9 x 13½	9.50	10.25	11.50	12.50	14
6557	14 x 12	12 or 14	9 x 14½	11.00	12.00	13.00	14.00	15

SECOND FLOOR

Catalog Number	Size of Register Face	Size of Single Wall Stack	Size of Double Wall Stack	Metalac Black Japan Prime Coat Group 1	White Oak Lacquered Bronze Group 2	Plated Brass, Bronze Nickel and Cadmium Group 3	Chrome and Sand-Plated Group 4	Gross Weight
653	10 x 8	3 x 10 or 3½ x 10	No. 7	\$5.00	\$5.50	\$6.50	\$7.00	8
652	12 x 8	3 x 12 or 3½ x 12	No. 8	5.50	6.25	7.00	7.75	10
654	12 x 9	3 x 13 or 3½ x 13	No. 9	6.00	6.75	7.50	8.00	10½

LIST PRICES No. 600 SERIES (Jones-National Flat-Stud) BASEBOARD REGISTERS Without Boxes

Catalog Number	Size of Register Face in Inches		Metalac Black Japan Prime Coat Group 1	White Oak Lacquered Bronze Group 2	Plated Brass, Bronze Nickel and Cadmium Group 3	Chrome and Sand-Plated Group 4
653½	10 x 8	First Floor	\$3.40	\$3.90	\$4.90	\$5.40
654½	12 x 9		4.55	5.05	6.05	6.55
655¼	12 x 10		5.60	6.10	7.35	7.85
656	13 x 11		6.00	6.75	8.00	9.00
657	14 x 12		7.20	8.20	9.20	10.20
6556	13 x 11		6.75	7.50	8.75	9.75
6557	14 x 12		8.00	9.00	10.00	11.00
653	10 x 8	Second Floor	3.15	3.75	4.65	5.25
652	12 x 8		3.50	4.25	5.00	5.75
654	12 x 9		3.80	4.55	5.30	5.80

If No. 40 SERIES DESIGN is Preferred order as above but Specify "NO. 40 SERIES DESIGN."

If PANAMA DESIGN is Preferred order as above but Specify "PANAMA DESIGN."

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

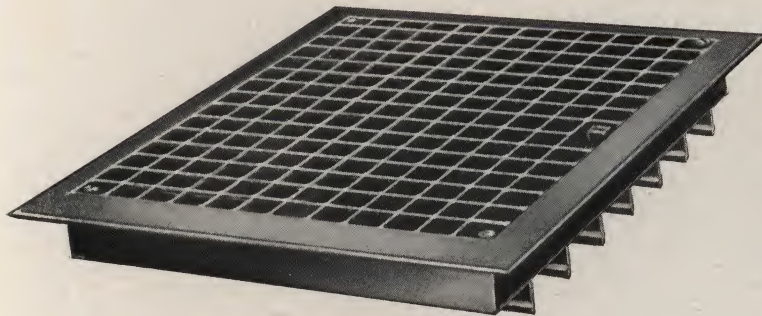
Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	(Electroplated)	CH.	Chrome Plated	
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	B.Br.	S.B.B.	Sand Blast Brass	
P.C.	Prime Coat	W.	White	M.Bz.	A.S.B.B.	Ant. Sand Brass	
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.			
		I.V.	Ivory	Cad.			
		L.B.B.B.	Lac'd. Brush Brass				

NEW No. 300 U. S. STEEL FLOOR REGISTERS—Multiple Valves

Deeply Embossed Narrow Bars Afford MAXIMUM CAPACITY and NEAT APPEARANCE. VALVES are assembled the SHORT-WAY for Easier Operation, Prevents Air Currents Washing Sides of Walls. The Greatest Improvement in Floor Register Construction.

No. 300 DESIGN is made in Square Lattice Design in all Sizes up to 14 Inches Wide inclusive.

No. 300

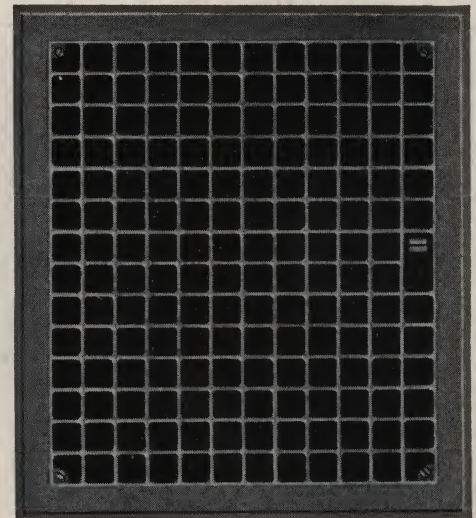


All No. 300 Register Tops (Faces) are Bevel-Edged. A Perfect Square Lattice Design, No Clumsy Intersection of Fret-Work to Obstruct Air-Flow.

Extreme Depth with Valves Open up to 18 inch widths inclusive is 2 7/8 inches.

Widths 20 inches and wider is 3 7/8 inches Deep.

No. 300 TOP VIEW



Bracing Bars
Spaced Two
Inches Apart
the Narrow
Way Create
the Strongest
Type of Floor
Register
Construction
Which Will
Not Bend or
Sag under
Any
Normal
Condition

The No. 300 U. S. STEEL FLOOR REGISTER may be used in the Floor, in the Ceiling and for General Ventilating Purposes. The Neatly Bevelled Edge creates a Snug Fit against Floor, Ceiling or Sidewall Surfaces.

LIST PRICES of No. 300 U. S. STEEL FLOOR REGISTERS, Braced Faces and Register Tops

STANDARD SIZES as Recommended for General Practical Purposes.

No. 300 REGISTERS Complete with Multiple Valves.
Sizes preceded by an asterisk are Industry Approved Sizes.

No. 305 Steel Faces Braced.
No. 302 Steel Faces, Clear Mesh, Not Braced.
No. 303 Steel Tops (Register Faces with Slot).

Size Duct/Floor Opening)	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sanded Finishes Group 4	Free Area Square Inches	Gross Weight	Size of Round Pipe	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sanded Finishes Group 4	Register Bodies or Bottoms
*8 x 10	\$1.70	\$1.85	\$2.25	\$2.80	58	4.0	8"	\$1.10	\$1.25	\$1.65	\$2.20	\$.80
*8 x 12	1.90	2.05	2.55	3.20	69	4.5	-----	1.30	1.45	1.95	2.60	.85
*8 x 14	2.95	3.15	3.80	4.60	80	5.0	-----	1.65	1.85	2.50	3.30	1.60
*9 x 12	2.15	2.35	2.90	3.65	77	5.0	9"	1.50	1.70	2.25	3.00	.90
*10 x 12	2.40	2.60	3.25	4.10	86	5.8	10"	1.70	1.90	2.55	3.40	.95
10 x 14	3.40	3.65	4.40	5.40	101	6.5	-----	2.00	2.25	3.00	4.00	1.80
12 x 12	3.60	3.85	4.70	5.80	103	6.3	-----	2.20	2.45	3.30	4.40	1.80
*12 x 14	4.25	4.55	5.50	6.75	121	8.3	12"	2.50	2.80	3.75	5.00	2.20
14 x 14	5.65	6.00	7.10	8.55	140	8.8	-----	2.90	3.25	4.35	5.80	3.40
*14 x 16	6.85	7.20	8.40	9.95	161	9.5	14"	3.10	3.45	4.65	6.20	4.50
14 x 18	8.10	8.50	9.80	11.50	179	10.3	-----	3.40	3.80	5.10	6.80	5.60
*16 x 18	9.90	10.35	11.80	13.70	193	17.0	16"	3.80	4.25	5.70	7.60	7.20
*18 x 20	13.15	13.70	15.35	17.55	280	20.0	18"	4.40	4.95	6.60	8.80	10.20
*20 x 24	18.55	19.20	21.25	23.95	361	24.3	20"	5.40	6.05	8.10	10.80	15.20
*22 x 24	21.60	22.35	24.70	27.80	396	25.8	22"	6.20	6.95	9.30	12.40	17.80
*24 x 24	24.30	25.15	27.80	31.30	438	28.0	24"	7.00	7.85	10.50	14.00	20.00

Complete Lists of Sizes and List Prices will be in General Floor Register Lists—Pages 31, 32, 33.

Order Floor Registers by Floor Opening Size and Number.

NOTE THE VALVE OPERATION.

Order Faces or Tops by Duct Opening Size.

No. 305 means a FACE-BRACED with Supporting Bars.

No. 302 Means a Face—No Screw Holes, Slots or Supports.

No. 303 means a Register Top with Lever Slot.

UNITED STATES REGISTER COMPANY



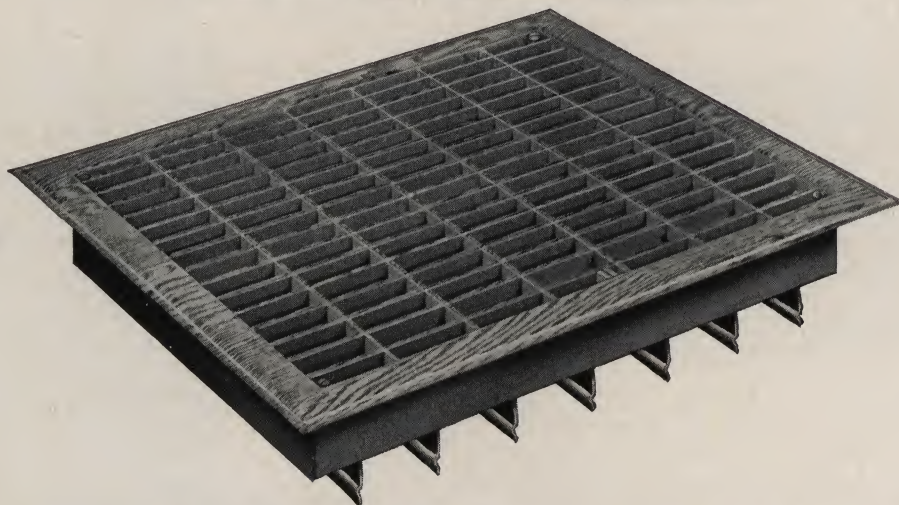
NEW No. 400 U. S. TRUSSTEEL FLOOR REGISTERS — Multiple Valves

REGULAR MESH $\frac{5}{8} \times 1\frac{5}{16}$ Inches — 82% FREE AREA

The construction of this type of Floor Register involves the use of Steel Bars which are notched and the cross-bars fitted and pressed into notched opposite bars. This assembly is attached to angle frame by means of Patented Attaching Hooks formed at end of each bar. Bar-Spacing is sufficiently narrow to prevent heels from entering.

No. 400 — FINEST GRID-TYPE REGISTER

FEATURING the
NEW CLEAR MESH



PERFECT SMOOTH
SEAMLESS CORNERS

Multiple Valves are assembled the SHORT WAY for Easier Operation. Prevents Air Currents from washing walls when valves are not set wide open. A Feature that is Brand New in Floor Register Construction.

Lever operates in ONE-MESH Space in center of Long Dimension Side which eliminates the Old-Style End-Slot. This feature of Register Face Construction permits the use of a Trussteel Register Face as a Cold-Air Face in an emergency.

The No. 400 Register Top or Face attaches to Register Body with screws through Screw-Hole Lugs in Top of Register Face.

All No. 400 REGISTER TOPS (Faces) are Bevel-Edged. Extreme Depth with Valves Open up to 18 inch widths inclusive is $2\frac{7}{8}$ inches. Widths 20 inches and wider $3\frac{7}{8}$ inches Deep.

LIST PRICES of No. 400 TRUSSTEEL FLOOR REGISTERS — 405 FACES — 403 TOPS (Register Faces)

STANDARD SIZES as Recommended for General Practical Purposes.

No. 400 Registers Complete with Multiple Valves.

Sizes preceded by an asterisk are Industry Approved Sizes.

No. 405 Trussteel Faces.

No. 403 Trussteel Register Tops (Faces).

Size (Duct or Floor Opening)	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sanded Finishes Group 4	Free Area Square Inches	Gross Weight	Size of Round Pipe	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sanded Finishes Group 4	Register Bodies or Bottoms
6 x 8	\$1.55	\$1.65	\$2.00	\$2.45	39	3.3	7"	\$.90	\$1.00	\$1.35	\$1.80	\$.80
6 x 10	1.60	1.70	2.10	2.60	49	4.0	-----	1.00	1.10	1.50	2.00	.80
6 x 12	1.80	1.95	2.40	3.00	59	4.5	-----	1.20	1.35	1.80	2.40	.80
*8 x 10	1.70	1.85	2.25	2.80	66	5.0	8"	1.10	1.25	1.65	2.20	.80
*8 x 12	1.90	2.05	2.55	3.20	79	5.8	-----	1.30	1.45	1.95	2.60	.85
*8 x 14	2.95	3.15	3.80	4.60	92	6.0	-----	1.65	1.85	2.50	3.30	1.60
*9 x 12	2.15	2.35	2.90	3.65	89	6.0	9"	1.50	1.70	2.25	3.00	.90
*10 x 12	2.40	2.60	3.25	4.10	98	6.5	10"	1.70	1.90	2.55	3.40	.95
10 x 14	3.40	3.65	4.40	5.40	115	7.8	-----	2.00	2.25	3.00	4.00	1.80
12 x 12	3.60	3.85	4.70	5.80	118	7.8	-----	2.20	2.45	3.30	4.40	1.80
*12 x 14	4.25	4.55	5.50	6.75	138	8.8	-----	2.50	2.80	3.75	5.00	2.20
14 x 14	5.65	6.00	7.10	8.55	161	9.8	-----	2.90	3.25	4.35	5.80	3.40
*14 x 16	6.85	7.20	8.40	9.95	184	11.0	14"	3.10	3.45	4.65	6.20	4.50
14 x 18	8.10	8.50	9.80	11.50	208	12.5	-----	3.40	3.80	5.10	6.80	5.60
*16 x 18	9.90	10.35	11.80	13.70	236	14.2	16"	3.80	4.25	5.70	7.60	7.20
*18 x 20	13.15	13.70	15.35	17.55	295	17.0	18"	4.40	4.95	6.60	8.80	10.20
*20 x 24	18.55	19.20	21.25	23.95	394	24.5	20"	5.40	6.05	8.10	10.80	15.20
*22 x 24	21.60	22.35	24.70	27.80	433	27.8	22"	6.20	6.95	9.30	12.40	17.80
*24 x 24	24.30	25.15	27.80	31.30	472	30.0	24"	7.00	7.85	10.50	14.00	20.00

Complete Lists of Sizes and List Prices will be in General Floor Register Lists. Pages 31, 32, 33.

Order Floor Registers by Floor Opening Size and Number. Order Nos. 403 and 405 by Floor Opening Size.

NOTE — The New Valve Operation and Clear Mesh Features on All No. 400 REGISTERS.



UNITED STATES REGISTER COMPANY

NEW No. 410 U. S. TRUSSTEEL FLOOR REGISTERS — Multiple Valves

MESH $\frac{7}{16} \times 1\frac{5}{16}$ Inches — 76% FREE AREA

The construction of this type of Floor Register involves the use of Steel Bars which are notched and the cross-bars fitted and pressed into notched opposite bars. This assembly is attached to angle frame by means of Patented Attaching Hook formed at end of each bar. Bar-Spacing is sufficiently narrow to prevent heels from entering.

The No. 410 is included in the Same Price Level as No. 400 for those who prefer a Closer Bar Spacing and a reduction of from 82% in the No. 400 Style to 76% Free Area in the No. 410 Style.

No. 410 — FINEST GRID-TYPE REGISTER



FEATURING the
NEW CLEAR MESH

PERFECT SMOOTH
SEAMLESS CORNERS

Multiple Valves are assembled the SHORT WAY for Easier Operation. Prevents Air Currents from Washing Walls when valves are not set wide open. A Feature that is Brand New in Floor Register Construction.

Lever operates in One-Mesh Space in Center of Long Dimension Side which eliminates the Old-Style End-Slot. This feature of Register Face Construction permits the use of a Trussteel Register Face as a Cold-Air Face in an emergency.

The No. 410 Register Top or Face attaches to Register Body with screws through Screw-Hole Lugs in Top of Register Face. All No. 410 Register Tops (Faces) are Bevel-Edged. Extreme Depth, with Valves open up to 18 inch width inclusive is 2 7/8 inches. Widths of 20 inch and wider 3 3/8 inches Deep.

LIST PRICES of No. 410 TRUSSTEEL FLOOR REGISTERS — 415 FACES — 413 TOPS (Register Faces)

STANDARD SIZES as Recommended for General Practical Purposes.

No. 410 Registers Complete with Multiple Valves.
Sizes preceded by an asterisk are Industry Approved Sizes.

No. 415 Trussteel Faces.

No. 413 Trussteel Register Tops (Faces).

Size Ductor/Floor Opening)	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sanded Finishes Group 4	Free Area Square Inches	Gross Weight	Size of Round Pipe	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Chrome and Sanded Finishes Group 4	Register Bodies or Bottoms
6 x 8	\$1.55	\$1.65	\$2.00	\$2.45	37	3.5	-----	\$.90	\$1.00	\$1.35	\$1.80	\$.80
6 x 10	1.60	1.70	2.10	2.60	46	4.3	-----	1.00	1.10	1.50	2.00	.80
6 x 12	1.80	1.95	2.40	3.00	55	5.0	-----	1.20	1.35	1.80	2.40	.80
*8 x 10	1.70	1.85	2.25	2.80	61	5.5	8"	1.10	1.25	1.65	2.20	.80
*8 x 12	1.90	2.05	2.55	3.20	73	6.3	-----	1.30	1.45	1.95	2.60	.85
*8 x 14	2.95	3.15	3.80	4.60	85	6.5	-----	1.65	1.85	2.50	3.30	1.60
*9 x 12	2.15	2.35	2.90	3.65	81	6.5	9"	1.50	1.70	2.25	3.00	.90
*10 x 12	2.40	2.60	3.25	4.10	91	7.8	10"	1.70	1.90	2.55	3.40	.95
10 x 14	3.40	3.65	4.40	5.40	106	8.2	-----	2.00	2.25	3.00	4.00	1.80
12 x 12	3.60	3.85	4.70	5.80	109	8.3	-----	2.20	2.45	3.30	4.40	1.80
*12 x 14	4.25	4.55	5.50	6.75	128	9.8	12"	2.50	2.80	3.75	5.00	2.20
14 x 14	5.65	6.00	7.10	8.55	149	11.2	-----	2.90	3.25	4.35	5.80	3.40
*14 x 16	6.85	7.20	8.40	9.95	170	12.8	14"	3.10	3.45	4.65	6.20	4.50
14 x 18	8.10	8.50	9.80	11.50	191	14.3	-----	3.40	3.80	5.10	6.80	5.60
*16 x 18	9.90	10.35	11.80	13.70	219	16.3	16"	3.80	4.25	5.70	7.60	7.20
*18 x 20	13.15	13.70	15.35	17.55	274	20.5	18"	4.40	4.95	6.60	8.80	10.20
*20 x 24	18.55	19.20	21.25	23.95	365	27.3	20"	5.40	6.05	8.10	10.80	15.20
*22 x 24	21.60	22.35	24.70	27.80	401	30.2	22"	6.20	6.95	9.30	12.40	17.80
*24 x 24	24.30	25.15	27.80	31.80	437	33.0	24"	7.00	7.85	10.50	14.00	20.00

Complete Lists of Sizes and List Prices will be in General Floor Register Lists. Pages 31, 32, 33.

Order Floor Registers by Floor Opening Size and Number.

Order Nos. 415 and 413 by Floor Opening Size.

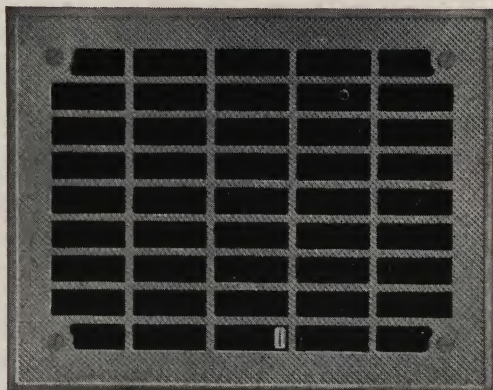
NOTE — The New Valve Operation and Clear Mesh Features on All No. 410 REGISTERS.

UNITED STATES REGISTER COMPANY



NEW No. 500 U. S. CHECKER FLOOR REGISTERS MULTIPLE VALVES

No. 500 REGISTER



CAST IRON CHECKER DESIGN REGISTER TOP attached to New Style All Steel Floor Register Body. Multiple Valves are assembled the SHORT WAY for Easier Operation. This prevents Air Currents from washing walls when valves are not set wide open. A Feature Brand New in Floor Register Construction. Lever operates in One-Mesh Space in Center of Long Dimension which eliminates the Old Style End Slot. No. 500 Series are specially FEATURED in L.B.A.B. and M.T. (Metalac) Finishes.

No. 500 U. S. Checker Registers are made only in the following sizes.

LIST PRICES No. 500 CHECKER REGISTERS and No. 503 CHECKER TOPS (Register Faces)

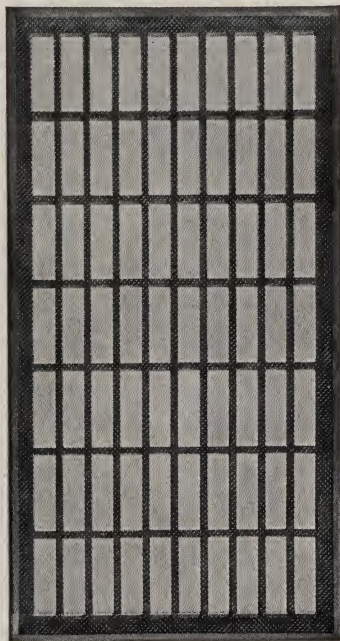
NO. 500 REGISTERS COMPLETE WITH VALVES						NO. 503 REGISTER TOPS (REGISTER FACES)			
Size of Floor Opening	Black Japan Metalac	Lacquered Ant. Brass (L.B.A.B.)	Free Area Square Inches	Gross Weight Each	Size of Round Pipe	Black Japan Metalac	Lacquered Ant. Brass (L.B.A.B.)	Register Bodies or Bottoms	Following Sizes may be furnished with Steel Floor Collars and used as a Cold Air Face. Specify as 505-F
	Group 1	Group 2				Group 1	Group 2		
8 x 10	\$1.70	\$1.85	58	5.8	8"	\$1.10	\$1.25	\$.80	8 x 10
8 x 12	1.90	2.05	69	6.8		1.30	1.45	.85	8 x 12
9 x 12	2.15	2.35	77	7	9"	1.50	1.70	.90	9 x 12
10 x 12	2.40	2.60	85	8.3	10"	1.70	1.90	.95	10 x 12
10 x 14	3.40	3.65	99	9.8		2.00	2.25	1.80	10 x 14
12 x 14	4.25	4.55	118	11	12"	2.50	2.80	2.20	—
14 x 16	6.85	7.20	159	13.5	14"	3.10	3.45	4.50	14 x 16

No. 500 U. S. Checker Registers may be furnished in other Finishes at Standard List Prices of other Finishes Required.

No. 505 U. S. CHECKER CAST COLD AIR FACES

Checker Surface is unusually Sharp-Cut with Perfect Sharp Pyramidal Surface that retains a Sprayed or Lacquered Bronze Finish longer than any other Type of Surface. Are made to match exactly the Design of the No. 500 Line of Checker Registers. Featured Specially in L.B.A.B. and M.T. (Metalac) Finishes.

NO. 505 U. S. CHECKER
COLD AIR FACE



Made Only in the Following Sizes. No Other Sizes Available.

Where Cast Faces are required for Residential Installations the 505 U. S. Checker Cast Face has no Equal.

LIST PRICES NO. 505 U. S. CHECKER CAST FACES

Size of Floor Opening	Black Japan Metalac Group 1	Lacquered Ant. Brass (L.B.A.B.) Group 2	Free Area Square Inches	Size of Round Pipe	Gross Weight Each
8 x 30	\$3.60	\$4.05	168	14	12
10 x 24	3.40	3.80	168	14	10.8
10 x 30	3.75	4.20	210	16	12.8
12 x 14	2.50	2.80	118	12	7.5
12 x 18	3.00	3.35	152	14	11
12 x 24	3.75	4.20	202	16	15
12 x 30	4.00	4.50	252	18	18.5
14 x 30	4.60	5.15	294	20	22.5
16 x 30	5.50	6.15	336	20	25.8
18 x 24	4.80	5.40	302	20	28
18 x 30	6.10	6.85	378	22	31
20 x 24	5.40	6.05	336	20	32.5
20 x 30	6.70	7.50	420	24	34.3
24 x 30	8.80	9.85	504	26	35.8



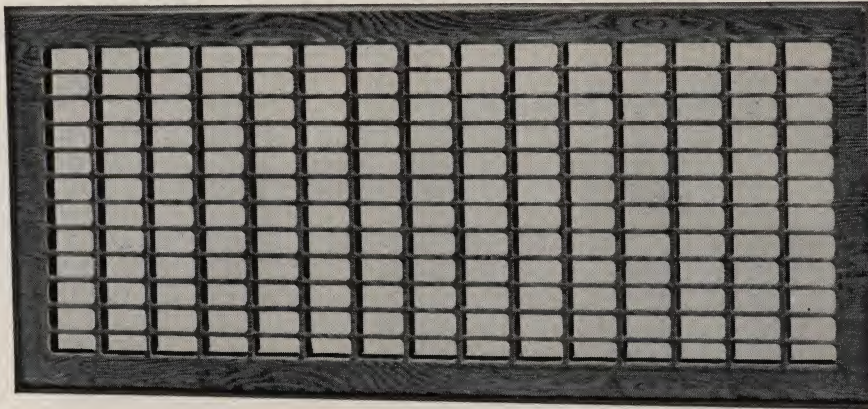
UNITED STATES REGISTER COMPANY

No. 305 U. S. STEEL COLD AIR FACES — (Braced)

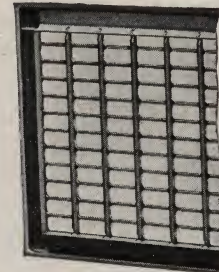
Embossed Steel Faces with heavy gauge steel band braces Spaced two inches Apart running the Short Dimension. Bands are pressed into Embossed Section, Welded and become an integral part of the Face.

The STRONGEST in Construction of ALL COLD AIR FACES. Shallow Depth Eliminates cutting of Joists. Standard Construction of Cold Air Face in Standard Sizes is Oblong Mesh.

No. 305 U. S. STEEL FACE (Braced)



Showing Rear View and Braced Bars of 305 Steel Face



LIST PRICES of No. 305 U. S. STEEL FACES (Braced), and Register Tops

STANDARD SIZES as recommended for General Practical Purposes.

Sizes preceded by an Asterisk are Industry Approved Sizes for prompt shipment.

No. 305 are Braced Faces. No. 303 are Register Tops (Register Faces with Slots).

Size Duct or Floor Opening	Black Japan Prime Coat Plain Steel Group 1	Oak White Lacquered Finishes Group 2	Plated Brass Bronze Nickel Cadmium Group 3	Chrome and Sand Plated Group 4	Free Area Square Inches	Size of Round Pipe	Gross Weight
*6 x 30	\$3.40	\$3.80	\$5.10	\$6.80	135	12"	4.8
*8 x 24	3.20	3.60	4.80	6.40	144	12"	4.8
*8 x 30	3.60	4.05	5.40	7.20	180	14"	6
*10 x 24	3.40	3.80	5.10	6.80	180	14"	6
*10 x 30	3.75	4.20	5.65	7.50	225	16"	6.8
*12 x 14	2.50	2.80	3.75	5.00	126	12"	4
*12 x 24	3.75	4.20	5.65	7.50	217	16"	6.8
*12 x 30	4.00	4.50	6.00	8.00	270	18"	7.8
*14 x 16	3.10	3.45	4.65	6.20	168	14"	5.3
*14 x 24	4.10	4.60	6.15	8.20	252	18"	7.3
*14 x 30	4.60	5.15	6.90	9.20	313	20"	9.3
16 x 24	4.40	4.95	6.60	8.70	288	18"	8.8
16 x 30	5.50	6.15	8.25	11.00	360	20"	10.3
*18 x 24	4.80	5.40	7.20	9.60	324	20"	10.8
*18 x 30	6.10	6.85	9.15	12.20	406	22"	12.3
20 x 24	5.40	6.05	8.10	10.80	360	20"	11
*20 x 30	6.70	7.50	10.05	13.40	450	24"	13.5
24 x 30	8.80	9.85	13.20	17.60	540	26"	15.5
30 x 30	13.00	14.55	19.50	26.00	675	28"	19.5

Order 305 Braced Faces or 303 Register Tops, by Floor Opening or Duct Size and Number. Order a Clear Mesh Face without Braces or Slot as No. 302.

Complete List of Sizes and List Prices will be in General Floor Register Lists Pages 31, 32, 33.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B.	Lac'd. Antique Brass	(Electroplated)		CH.	Chrome Plated
M.T.	Metalac	L.B.O.C.	Lac'd. Oxidized Cop.	B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B.	Lac'd. Brush Brass				

UNITED STATES REGISTER COMPANY



No. 405 U. S. TRUSSTEEL COLD AIR FACES

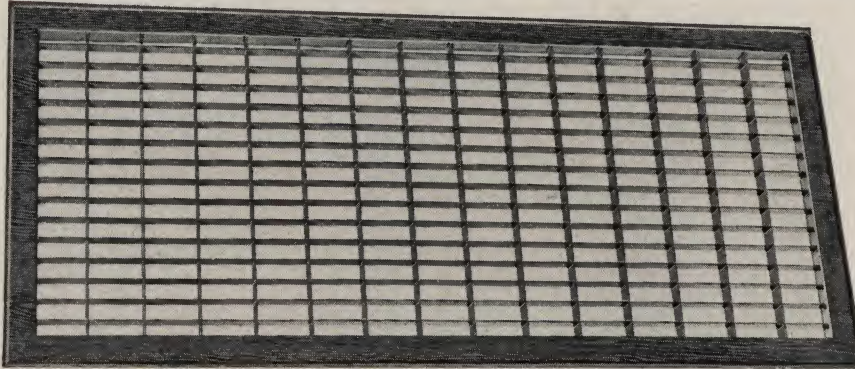
MESH $\frac{5}{8} \times 1\frac{15}{16}$ Inches. 82% Free Area

No. 405 Trussteel Face is constructed of Band Steel Bars which are notched and fitted and pressed into notched bars running the opposite way. This assembled Grid-Core is attached to an angle frame by means of a Patented Attaching Hook at the end of each bar which hook engages neatly and firmly with an Indented Support in the Angle Frame.

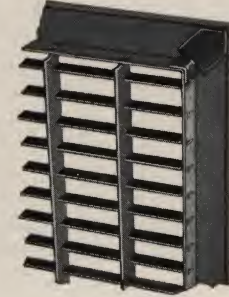
CORNERS OF ANGLE FRAME ARE SEAMLESS AND PERFECT

THIS STYLE and Mesh positively PREVENTS HEELS from entering and does not Sacrifice its Maximum Capacity as do so-called Close-Mesh Styles.

NO. 405 FINEST GRID-TYPE FACE



Rear of 405 Showing Strongest Type of Corner Joint



LIST PRICES of No. 405 U. S. TRUSSTEEL FACES and REGISTER TOPS (Faces with Screw Hole Lugs)

STANDARD SIZES as Recommended for General Practical Purposes.

Sizes preceded by an asterisk are Industry Approved Sizes for prompt shipment.

No. 405 are Clear Mesh with No Corner Screw Lugs. No. 403 are Register Tops (with Corner Screw Lugs).

Size Duct or Floor Opening	Black Japan Prime Coat Plain Steel	Oak White Lacquered Finishes	Brass Bronze Nickel Cadmium	Chrome and Sand Plated	Free Area Square Inches	Size of Round Pipe	Gross Weight
	Group 1	Group 2	Group 3	Group 4			
6 x 24	\$3.00	\$3.35	\$4.50	\$6.00	118	12"	4.5
*6 x 30	3.40	3.80	5.10	6.80	148	12"	5.5
*8 x 24	3.20	3.60	4.80	6.40	159	12"	5.8
*8 x 30	3.60	4.05	5.40	7.20	199	14"	6.8
10 x 12	1.70	1.90	2.55	3.40	99	10"	3.5
*10 x 24	3.40	3.80	5.10	6.80	199	14"	6.8
*10 x 30	3.75	4.20	5.65	7.50	256	16"	8
12 x 12	2.20	2.45	3.30	4.40	120	12"	4.3
*12 x 14	2.50	2.80	3.75	5.00	146	12"	4.8
*12 x 24	3.75	4.20	5.65	7.50	236	16"	7.8
*12 x 30	4.00	4.50	6.00	8.00	295	18"	9.3
14 x 14	2.90	3.25	4.35	5.80	161	14"	5.5
*14 x 16	3.10	3.45	4.65	6.20	185	14"	6.3
14 x 18	3.40	3.80	5.10	6.80	207	16"	6.8
14 x 20	3.70	4.15	5.55	7.40	230	16"	7.5
*14 x 24	4.10	4.60	6.15	8.20	275	18"	8.8
*14 x 30	4.60	5.15	6.90	9.20	344	20"	10.8
16 x 16	3.60	4.05	5.40	7.20	210	16"	7.8
16 x 20	4.00	4.50	6.00	8.00	262	18"	8.3
16 x 24	4.40	4.95	6.60	8.70	315	20"	9.8
16 x 30	5.50	6.15	8.25	11.00	394	22"	11.8
18 x 18	4.20	4.70	6.30	8.40	266	18"	8.3
*18 x 24	4.80	5.40	7.20	9.60	354	20"	11
*18 x 30	6.10	6.85	9.15	12.20	443	22"	13.3
20 x 20	5.00	5.60	7.50	10.00	328	20"	11
20 x 24	5.40	6.05	8.10	10.80	394	22"	13
*20 x 30	6.70	7.50	10.05	13.40	492	24"	15.8
22 x 22	6.00	6.70	9.00	12.00	397	22"	12.5
22 x 30	7.70	8.60	11.55	15.40	541	26"	16.5
24 x 24	7.00	7.85	10.50	14.00	475	24"	15.5
24 x 30	8.80	9.85	13.20	17.60	590	26"	18.5
30 x 30	13.00	14.55	19.50	26.00	738	30"	22

Order 405 U. S. Trussteel Faces by Floor Opening Size and 403 Trussteel Tops by Register Body Size.

Complete Lists of Sizes and List Prices will be in General Lists, Pages 31, 32, 33.



UNITED STATES REGISTER COMPANY

No. 415 U. S. TRUSSTEEL COLD-AIR FACES

MESH $\frac{7}{16} \times 1\frac{15}{16}$ Inches. 76% Free Area

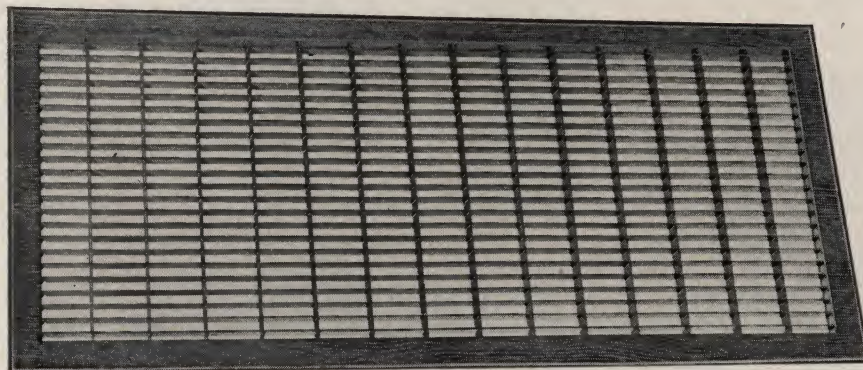
No. 415 Trussteel Face is constructed of Band Steel Bars which are notched and fitted and pressed into notched bars running the opposite way. This assembled Grid-Core is attached to an angle frame by means of a Patented Attaching Hook at the end of each bar which hook engages neatly and firmly with an indented support in the angle frame.

CORNERS OF ANGLE FRAME ARE SEAMLESS AND PERFECT

This STYLE and MESH conceals VISION below the Face and is sometimes preferred where maximum face area is not essential.

IMPORTANT NOTICE. If the No. 415 is used instead of No. 405 TRUSSTEEL FACE the Size of No. 415 FACES must be increased over the No. 405 Size to give the required FREE AREA. The Ratio of Increase would be as 76% to 82%. Check corresponding Free Areas Carefully.

No. 415 FINEST GRID-TYPE FACE



Rear of No. 415 Showing
Strongest Type of
Corner Joint



LIST PRICES of No. 415 U. S. TRUSSTEEL FACES and REGISTER TOPS (Faces with Screw Hole Lugs)

STANDARD SIZES as recommended for General Practical Purposes.

Sizes preceded by an asterisk are Industry Approved Sizes for prompt shipment.

No. 415 are Clear Mesh with no Corner Screw Lugs. No. 413 are Register Tops (with Corner Screw Lugs).

Size Duct or Floor Opening	Black Japan Prime Coat Plain Steel	Oak White Lacquered Finishes	Brass Bronze Nickel Cadmium	Chrome and Sand Plated	Free Area Square Inches	Size of Round Pipe	Gross Weight
	Group 1	Group 2	Group 3	Group 4			
6 x 24	\$3.00	\$3.35	\$4.50	\$6.00	110	12"	5
*6 x 30	3.40	3.80	5.10	6.80	137	12"	6.3
*8 x 24	3.20	3.60	4.80	6.40	146	12"	7
*8 x 30	3.60	4.05	5.40	7.20	182	14"	8.5
10 x 12	1.70	1.90	2.55	3.40	91	10"	4.3
*10 x 24	3.40	3.80	5.10	6.80	182	14"	8.5
*10 x 30	3.75	4.20	5.65	7.50	228	16"	11
12 x 12	2.20	2.45	3.30	4.40	110	12"	5
*12 x 14	2.50	2.80	3.75	5.00	128	12"	6
*12 x 24	3.75	4.20	5.65	7.50	219	16"	10
*12 x 30	4.00	4.50	6.00	8.00	274	18"	12.8
14 x 14	2.90	3.25	4.35	5.80	149	12"	7.3
*14 x 16	3.10	3.45	4.65	6.20	170	14"	7.8
14 x 18	3.40	3.80	5.10	6.80	191	14"	9
14 x 20	3.70	4.15	5.55	7.40	213	16"	9.8
*14 x 24	4.10	4.60	6.15	8.20	255	18"	11.8
*14 x 30	4.60	5.15	6.90	9.20	319	20"	14.8
16 x 16	3.60	4.05	5.40	7.20	196	14"	9.3
16 x 20	4.00	4.50	6.00	8.00	243	16"	11.5
16 x 24	4.40	4.95	6.60	8.70	292	18"	13.5
16 x 30	5.50	6.15	8.25	11.00	365	20"	16.8
18 x 18	4.20	4.70	6.30	8.40	246	16"	11.8
*18 x 24	4.80	5.40	7.20	9.60	324	20"	15.3
*18 x 30	6.10	6.85	9.15	12.20	410	22"	19
20 x 20	5.00	5.60	7.50	10.00	304	18"	14
20 x 24	5.40	6.05	8.10	10.80	365	20"	16.8
*20 x 30	6.70	7.50	10.05	13.40	456	24"	21.3
22 x 22	6.00	6.70	9.00	12.00	367	20"	17
22 x 30	7.70	8.60	11.55	15.40	502	24"	23.6
24 x 24	7.00	7.85	10.50	14.00	438	22"	20.6
24 x 30	8.80	9.85	13.20	17.60	547	26"	25.5
30 x 30	13.00	14.55	19.50	26.00	684	28"	31.8

Order 415 U. S. TRUSSTEEL FACES by Floor Opening Size and 413 Trussteel Tops by Register Body Size.
Complete Lists of Sizes and List Prices will be in General Lists, Pages 31, 32, 33.

UNITED STATES REGISTER COMPANY



No. 430 U. S. TRUSSTEEL PIPELESS FURNACE FACES

MESH — $\frac{5}{8} \times 1\frac{15}{16}$ Inches — 82% FREE AREA

No. 430 TRUSSTEEL PIPELESS FURNACE FACE is constructed of Band Steel Bars which are notched and fitted and pressed into notched bars running the opposite way. This assembled Grid-Core is attached to an angle frame by means of a patented Attaching Hook at the end of each bar which hook engages neatly and firmly with an Indented Support in the Angle Frame.

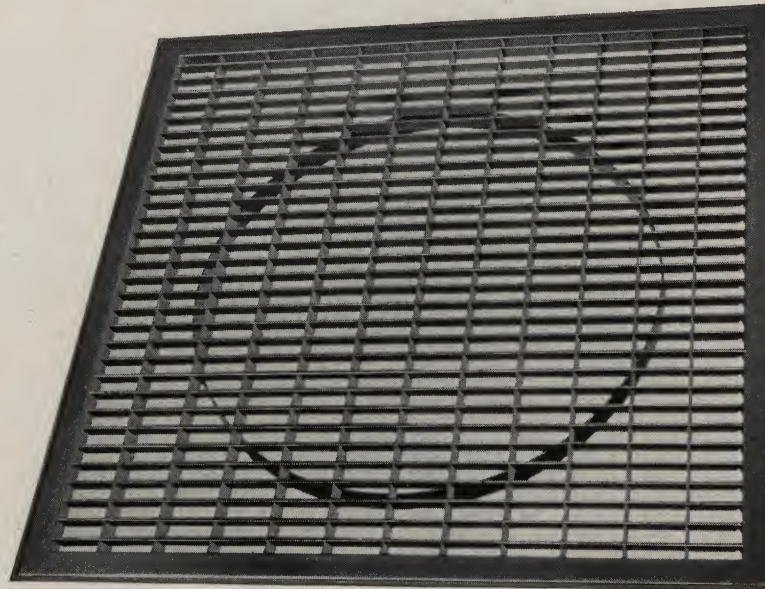
Corners are Seamless and Perfect

STANDARD Diameters of Round Collars are attached to bottom of the Faces to fit Round Pipe Connection from the Heating Section of the Pipeless Furnace Unit.

Special Sizes of Round Band Collars may be furnished on Special Order at no Extra Cost.

Sets flat on floor like ordinary floor face. Warm-air outlet through ring in center. Cold-air inlet through that section of face outside of ring. Can be furnished with Pipe-Rings loose if so ordered.

No. 430
FINEST
AND
STRONGEST



GRID-TYPE
PIPELESS
FURNACE
FACE

LIST PRICES of NO. 430 U. S. TRUSSTEEL PIPELESS FURNACE FACES

Floor or Cold Air Return Size	Size of Warm Air Collar	Black Japan Enamel Brown Plain Steel Group 1	High Heat Oak and Lacquered Finishes Group 2	Brass Bronze Nickel Cadmium Group 3	Gross Weight Each Style 430
20 x 22	14"	\$6.15	\$6.75	\$8.75	11
22 x 24	16"	7.20	7.95	10.30	13.3
24 x 24	18"	8.05	8.90	11.55	14.3
24 x 27	18"	9.25	10.20	13.30	16.5
24 x 28	18"	9.55	10.55	13.75	17
26 x 26	20"	9.90	10.95	14.25	18.8
28 x 28	20"	12.00	13.30	17.40	21
30 x 30	22"	14.45	16.00	20.95	23
30 x 36	24"	18.85	20.90	27.45	28.5
32 x 32	24"	16.60	18.40	24.10	26
34 x 34	26"	19.35	21.45	28.10	29.3
36 x 36	28"	22.05	24.45	32.05	33
40 x 40	30"	30.25	32.75	40.35	40.5
44 x 44	34"	37.60	40.10	47.70	49
44 x 48	36"	41.00	43.50	51.10	53.8
48 x 48	38"	43.25	46.50	59.60	57.5

Order by specifying size of Face, Diameter of Ring and Finish.

Each Grating is individually packed in a special Shipping Carton.

Additional Sizes may be supplied on Special Order.

Always Specify Floor Opening Size, Diameter of Round Collar and Finish.

Special Attention is called to our Enamel Brown and Oak High Heat Test Finishes which are applied at Higher Temperatures than temperatures to which the Pipeless Faces are exposed when in use.

Mesh of $\frac{1}{16} \times 1\frac{1}{16}$ inches may be furnished in a No. 435 Pipeless Face. Prices of the No. 435 will be quoted on application.



UNITED STATES REGISTER COMPANY

No. 360 U. S. ADJUSTABLE CEILING VENTILATORS

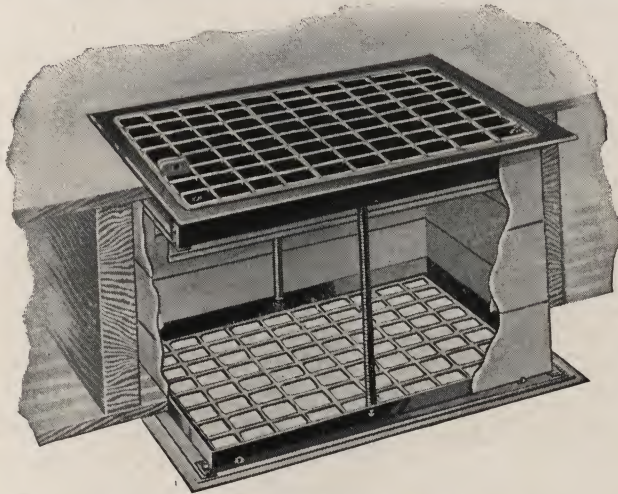
A COMPLETE PACKAGE UNIT, Consisting of a No. 300 Black Japanned Floor Register and a White No. 305 Steel Face Attached to a THREE-SECTION COLLAR that Adjusts from 4 to 12 Ins.

Designed for the purpose of circulating air between the first and second floor rooms. Really a necessity and time-saver to the installer of one-pipe and pipeless furnaces.

Also very adaptable for wall installation where Inter-Room Circulation is required.

Made and Listed in Six Production Sizes only to which a Special Separate Discount applies. Other sizes may be furnished subject to List Composed of the Sum of the List Prices of the No. 300 Black Japan Floor Register and the No. 305 White Face plus 50% of this sum.

NO. 360 U. S. ADJUSTABLE CEILING VENTILATOR



U. S. WOOD COLD-AIR FACES

U. S. WOOD FACES are made of the best selected grades of oak or other available hardwood, thoroughly seasoned and kiln-dried.

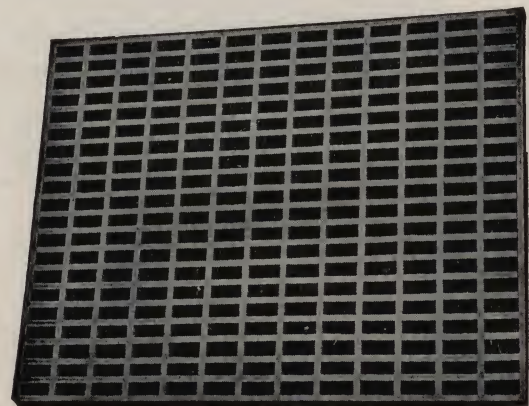
Deep strips of face are $\frac{5}{16}$ inch thick by $1\frac{1}{8}$ inches deep, cut to receive cross strips $\frac{5}{16}$ " x $\frac{5}{16}$ ".

LIST PRICES of NO. 360 U. S. ADJUSTABLE CEILING VENTILATORS

Six Production Sizes. Special Lists on other sizes.

Size of Opening in Inches	Price
8 x 10	\$2.50
8 x 12	3.00
9 x 12	3.25
10 x 12	3.85
10 x 14	4.50
12 x 14	5.15

If ordered in Finishes other than Standard Finishes as described above the extra List for Special Finishes will be added to Standard Lists Above.



LIST PRICES OF STOCK SIZES OF U. S. WOOD COLD-AIR FACES

Floor Opening in Inches	U. S. Wood Cold-Air Faces	Area of Air Space in Square Inches	Nearest Size of Round Pipe of Equivalent Area	Floor Opening in Inches	U. S. Wood Cold-Air Faces	Area of Air Space in Square Inches	Nearest Size of Round Pipe of Equivalent Area
6 x 24	\$1.00	81	10 in.	14 x 24	\$2.33	188	16 in.
6 x 30	1.25	101	12 in.	14 x 30	2.92	235	16 in.
6 x 36	1.50	121	12 in.	14 x 40	3.89	314	20 in.
6 x 40	1.67	134	12 in.	14 x 50	4.86	392	22 in.
				14 x 60	5.83	470	24 in.
8 x 24	1.34	108	10 in.				
8 x 30	1.67	134	12 in.	16 x 20	2.22	179	14 in.
8 x 36	2.00	161	14 in.	16 x 24	2.67	215	16 in.
8 x 40	2.23	179	14 in.	16 x 30	3.34	269	18 in.
10 x 24	1.67	134	12 in.	18 x 24	3.00	242	18 in.
10 x 30	2.09	168	12 in.	18 x 30	3.75	303	20 in.
10 x 36	2.50	202	16 in.	20 x 24	3.33	269	18 in.
10 x 40	2.78	224	16 in.	20 x 28	3.88	314	20 in.
				20 x 30	4.17	336	20 in.
12 x 18	1.50	121	12 in.	22 x 28	4.29	345	22 in.
12 x 20	1.66	135	12 in.				
12 x 24	2.00	161	14 in.	24 x 24	4.00	323	20 in.
12 x 30	2.50	202	14 in.	24 x 30	5.00	403	22 in.
12 x 40	3.33	269	18 in.	24 x 36	6.00	484	24 in.
12 x 50	4.17	336	20 in.	26 x 30	5.42	437	24 in.
12 x 60	5.00	403	22 in.	28 x 30	5.84	471	24 in.
14 x 20	1.94	157	14 in.	30 x 30	6.25	504	26 in.
14 x 22	2.13	173	14 in.	30 x 36	7.50	605	28 in.

UNITED STATES REGISTER COMPANY



NATIONAL ALL-STEEL WARM-AIR DAMPERS

Are INDESTRUCTIBLE — Are REVERSIBLE

With New Improved Mushroom-Head Spindle Catch—Positively Prevents Any Twisting or Loose Fitting of Damper Spindle to Damper Blade



Are made of the Best Cold-Rolled Steel instead of common black hot rolled steel.

The Tension Steel Spring which holds the Handle engaged to the Damper Blade is constructed with a special Wide Base that forces the Damper Washer Snugly to the outside of the Furnace Pipe.

POSITIVELY GUARANTEED

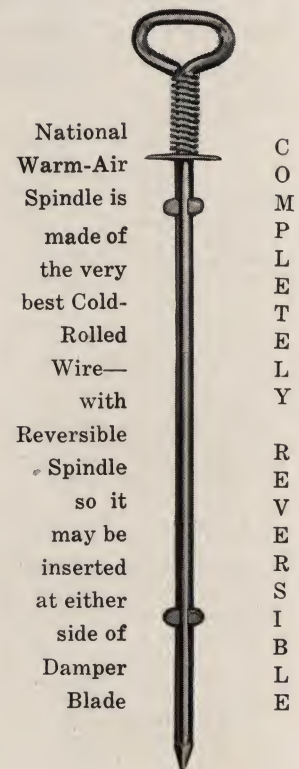
LIST PRICES

Size	Dozen	Net Wt. Per Doz.
6"	\$1.60	5 Lbs.
7"	1.60	5 "
8"	2.20	7 "
9"	2.60	8 "
10"	2.80	9 "
12"	3.50	13 "
14"	5.00	16 "

NATIONAL WARM-AIR DAMPER Spindles and Blade fit so Perfectly and Positively that the Spindle can be "snapped" into the Damper Blade in the Warm-Air Pipe without Looking.

Made in all Standard Stock Sizes.

Discounts from List Prices of NATIONAL WARM-AIR DAMPERS will be on our Current Discount Sheet.



UNITED STATES REGISTER COMPANY

NATIONAL NO-RIVET OR RIVET DAMPER CLIPS

HAVE NO EQUAL

NATIONAL NO-RIVET OR RIVET DAMPER CLIPS Can Be Attached Either Without or With Rivets. Positive Lock to Prevent Handle from Turning Loose.

A Specially Constructed Spring with a Wide Base which stabilizes and reinforces the washer thus keeping the Clip completely in the correct diametrical position.



National No-Rivet or Rivet Clip



National No-Rivet or Rivet Tips

NATIONAL DAMPER CLIPS AND TIPS

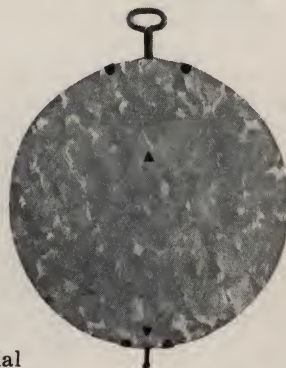
are sold in One Dozen Lots
Gross Lots
Barrel Lots

THEY WILL NOT "TWIST OUT"

Notice the rivet holes, also the lugs for clinching.

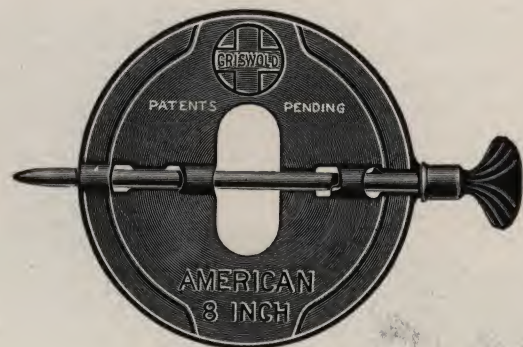
Front View Assembled.

Rear View Assembled.



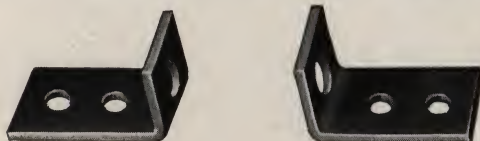
Special
Quantity Prices
Quoted on Application

Prices named on current discount sheets.



Cast Smoke-Pipe Damper

ELBOW LUGS FOR ADJUSTABLE ELBOWS



Rivet Holes $\frac{5}{32}$ " Spaced $\frac{1}{2}$ " on Center.
Bolt Holes $\frac{7}{32}$ ".

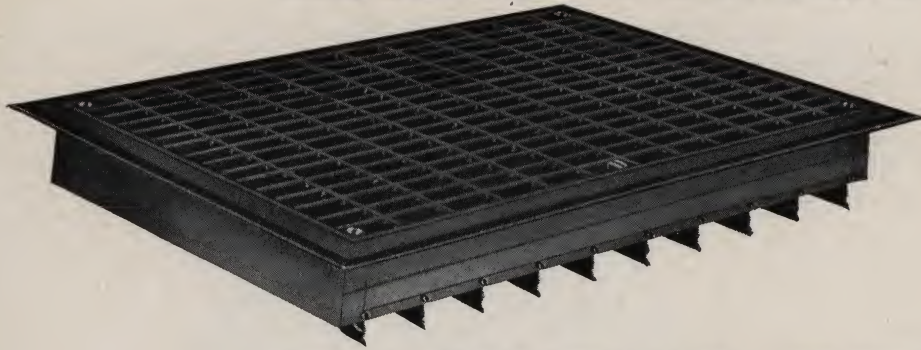
Net prices of cast smoke-pipe dampers quoted on application. Special prices quoted on quantity orders.

UNITED STATES REGISTER COMPANY



No. 300 U. S. PRESSED STEEL MULTIPLE-VALVE REGISTERS

Oblong Lattice Design — For General Heating and Ventilating Systems



Sizes 16 inches and wider are made in Oblong Lattice Design, 1 x 2 inch Mesh on Center.

Extreme Depth of No. 300 Oblong Design with Valves Open is 3 7/8 inches sizes—20 inches and wider.

A NEW CONSTRUCTION FEATURE. The Multiple Valves run the Short Way. Result is the Easiest and Most Powerful Operation of any Register.

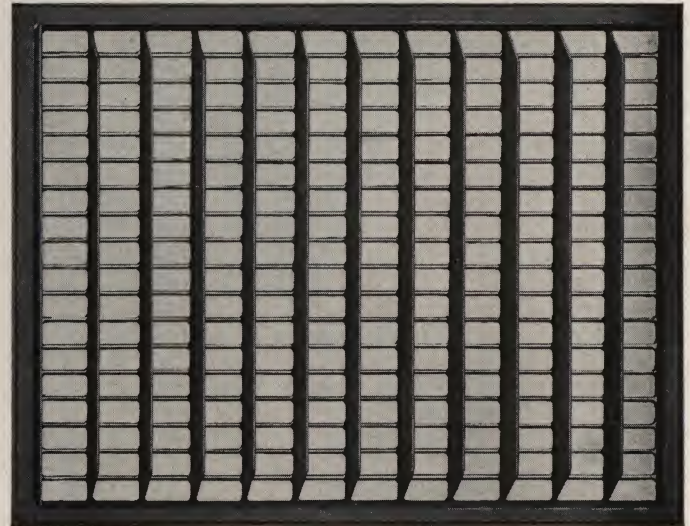
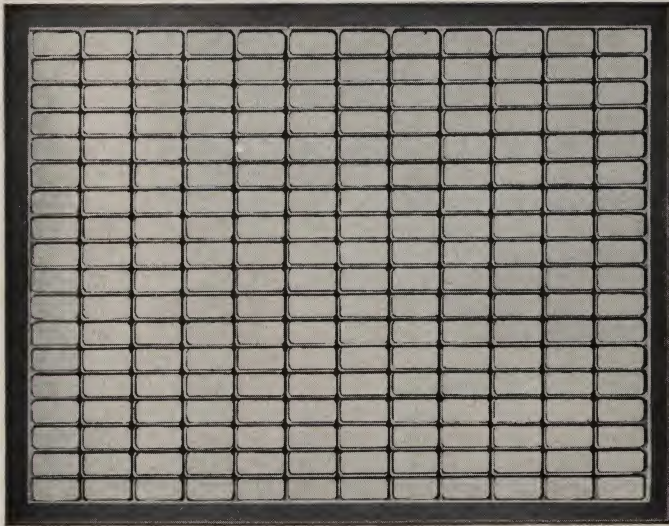
REGISTER TOP is reinforced by a Reinforcing Bar pressed into Embossed Cross-Bar spaced two inches apart. Result is Maximum Strength.

Complete List Prices on pages 31, 32, 33.

NEW U. S. PRESSED STEEL FACES — OBLONG EMBOSSED MESH

FRONT VIEW Style 305

REAR VIEW—SHOWING REINFORCING BARS Style 305



Complete List Prices on Pages 31, 32, 33.

The Industry's Strongest Type of Face Construction.

No. 600 U. S. SANI-STEEL MULTIPLE-VALVE REGISTERS PERFORATED STEEL FACES

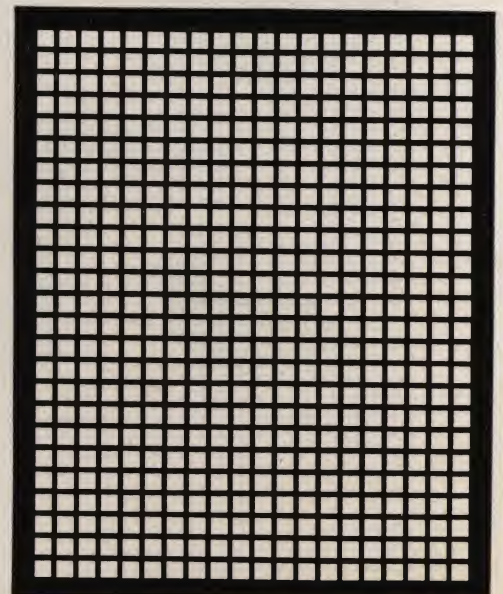
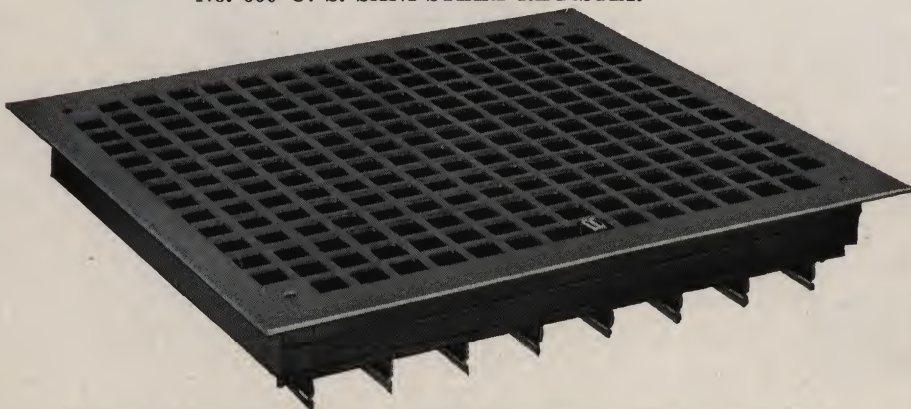
Most Popular for General Heating and Ventilating Systems

No. 600 Register Tops and No. 605 Perforated Steel Faces are made in Standard Production of No. 12 U. S. Standard Gauge $\frac{13}{16}$ Inch Square Mesh, $\frac{3}{16}$ Inch Fret Work. Also in $\frac{1}{4}$ Inch Square Mesh.

No. 600 U. S. SANI-STEEL REGISTER

No. 605 U. S. SANI-STEEL FACE (Clear Mesh).

No. 603 U. S. SANI-STEEL TOP (Corner Holes and Slot).

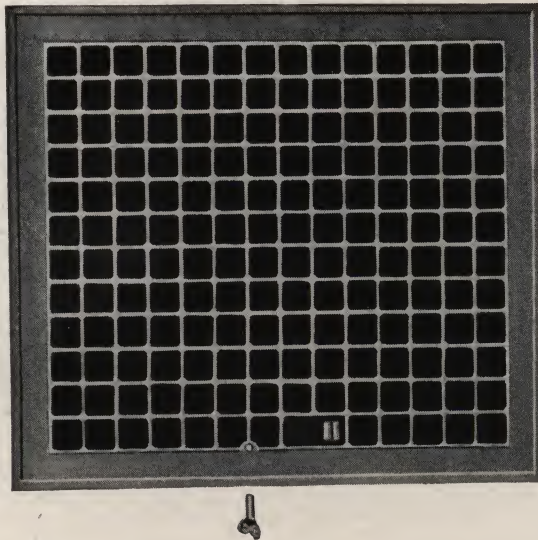


Multiple Valves Run Short Way which renders the Easiest and Most Powerful Operation ever used on Multiple-Valve Registers. A Marvelous Feature in Large Sizes. Operating Knob is in Center of Long Dimension. Extreme Depth of Sizes up to 18 Inches wide inclusive with Valves Open is 2 7/8 Inches. 20 Inches and wider is 3 7/8 Inches.

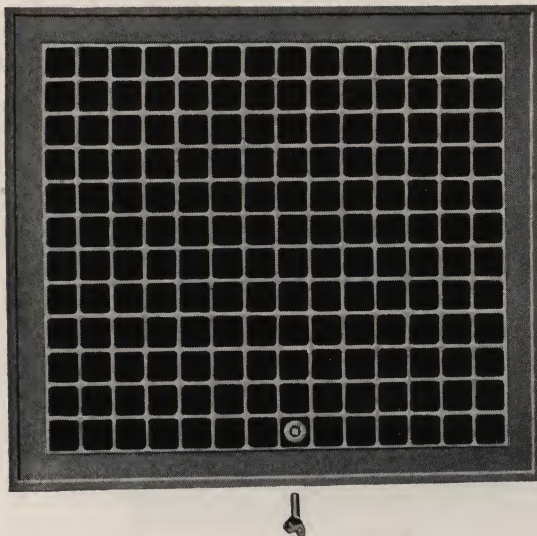
Complete List Prices, Pages 31, 32, 33.

U. S. Key-Lock, Key-Operated and Pole-Operated Multiple-Valve Registers

NO. 325 KEY-LOCK REGISTER



NO. 320 KEY-OPERATED REGISTER



NO. 350 POLE-OPERATED REGISTER
With Pole-Hook Rings for Pole Operation



ORDER POLE-OPERATED REGISTERS by Number which designates Style of Register Face.

NO. 325—EMBOSSSED STEEL REGISTER—with Key-Lock Attachment.

NO. 425—TRUSSTEEL REGISTER—with Key-Lock Attachment.

NO. 625—SANI-STEEL REGISTER—with Key-Lock Attachment.

U. S. KEY-LOCK REGISTERS are specially adapted for installations in Asylums, Schools, Hospitals and other Public Buildings where it is required that the valves be locked in a fixed position.

This is done with the operating handle by which the valves are positioned and by setting the lock with the set-screw, valves are locked in a fixed position and can be changed only by releasing the Lock with the Key.

List Prices on pages 31, 32, 33 show List Prices of regular Multiple-Valve Registers to which add Extra List for Key-Lock Attachment as shown on Current Discount Sheet, which at time of Catalog issue is \$1.25 List.

NO. 320—EMBOSSSED STEEL REGISTER—with Key Operation.

NO. 420—TRUSSTEEL REGISTER—with Key Operation.

NO. 620—SANI-STEEL REGISTER—with Key Operation.

U. S. KEY-OPERATED REGISTERS are equipped with a very specially devised Key-Operating Device that is also a POSITIVE LOCK. The valves may be set in any desired position by turning the Lock but without the Key are definitely locked in that position and cannot be moved.

List Prices on pages 31, 32, 33 show List Prices of regular Multiple-Valve Registers to which add Extra List for Key-Operation as shown on Current Discount Sheet which at time of Catalog issue is \$1.25 List.

Order Key-Lock and Key-Operated Registers by Number which designates Design of Register Face and whether Key-Lock or Key-Operated.

NO. 350—EMBOSSSED STEEL REGISTER—with Pole-Hook Ring.

NO. 450—TRUSSTEEL REGISTER—with Pole-Hook Ring.

NO. 650—SANI-STEEL REGISTER—with Pole-Hook Ring.

Furnished with Embossed Steel Faces, Perforated Sani-Steel or Trussteel Faces. Specify Style Number required.

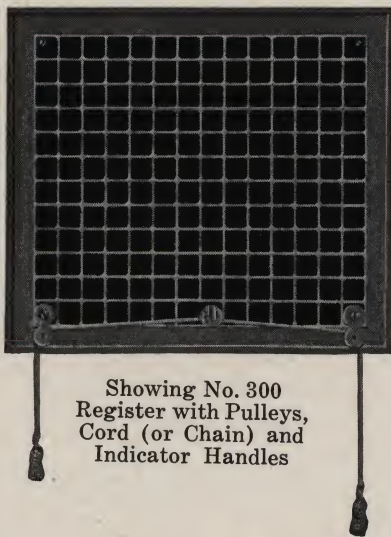
Specially adapted to Large Ventilating Work — also used in Ventilating and Air-Conditioning of Passenger Cars, Motor Busses, etc.

Pole-Operated Registers take same List Prices as Regular Multiple-Valve Registers. List Prices, pages 31, 32, 33.

UNITED STATES REGISTER COMPANY



U. S. VENTILATING REGISTERS for CEILING and SIDEWALL



Showing No. 300
Register with Pulleys,
Cord (or Chain) and
Indicator Handles

U. S. VENTILATING REGISTERS are composed of regular U. S. Steel Floor Registers equipped with sidewall pulleys when a register is to be installed in the wall, and with ceiling pulleys when register is to be used in the ceiling. Sizes under 16 inches in width have a uniform depth of 2 3/4 inches when open, thereby making them very adaptable for shallow ducts or pipe. Sizes 16 inches and over in width have a uniform depth of 3 3/4 inches.

Pulleys are made of Solid Brass and furnished in Bright Brass unless otherwise ordered excepting Nickel Plated is furnished on orders for Nickel and White Registers.



Sidewall Pulleys



Ceiling Pulleys



Indicator Handles

Order U. S. Ventilating Registers by Number and if for CEILING or SIDEWALL

List Prices of Register Pulleys

Ceiling Pulleys, small size, per pair	\$.50
Sidewall Pulleys, small size, per pair .....	.50

Net Prices of Indicator Handles (Open and Shut)

Black Japan, per pair	10c net
Bronze Painted, per pair (specify color)	10c net
Plated Copper, Brass, Bronze or Nickel, per pair	15c net

To determine cost of Ventilating Registers, refer to Floor Register List Prices on pages 31, 32, 33, and to the Floor Register List add the above List Prices on Pulleys. Indicator Handle Prices are net.

S-hooks made of Nos. 10, 13, 15 Gauge wire in plain steel or Cadmium plated.

Split-rings made of spring wire, nickel plated.

For Prices on Operating Cord and Chain, see Discount Sheet.

U. S. VENTILATING REGISTERS can be furnished with Faces of Embossed Steel, Perforated Sani-Steel or of Trussteel Construction. Specify which is desired by Style Number.

U. S. EXTRA HEAVY GAUGE STEEL BEVELLED BRICK-SET WALL FRAMES

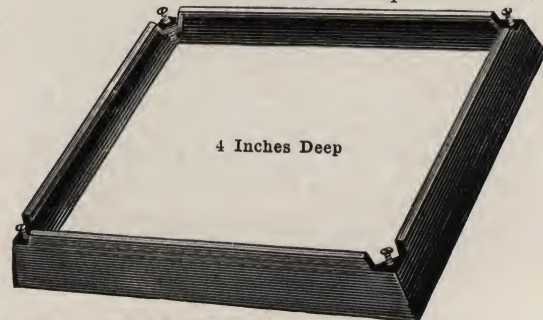
A very convenient fixture for holding the register in a brick wall; the frame is securely masoned into the wall and the register is attached by screws. The register can be removed without disturbing the wall. Adapted for use in asylums, prisons, etc. Made 2 inches and 4 inches deep.

Specify if 2 inch or 4 inch depth is required.

4 inch depth furnished if not otherwise specified.

Guaranteed against breakage.

Style 604 — 4" Deep
Style 602 — 2" Deep



LIST PRICES OF BRICK-SET WALL FRAMES

For Register in Inches	4-in. Deep	For Register in Inches	4-in. Deep	For Register in Inches	4-in. Deep	For Register in Inches	4-in. Deep
10 x 12	\$2.80	12 x 22	\$4.50	16 x 20	\$5.00	22 x 28	\$7.70
10 x 14	3.00	12 x 24	4.70	16 x 22	5.30		
10 x 16	3.30	12 x 30	5.50	16 x 24	5.50	24 x 24	7.20
10 x 18	3.50	12 x 32	5.70	16 x 30	6.75	24 x 28	7.80
10 x 20	3.80	12 x 36	6.30			24 x 30	8.10
10 x 22	4.20	12 x 40	7.20	18 x 18	5.20	24 x 32	8.60
10 x 24	4.30			18 x 20	5.50	24 x 36	9.10
10 x 30	5.00	14 x 14	3.80	18 x 24	6.00		
		14 x 16	4.10			28 x 28	8.10
12 x 12	3.10	14 x 18	4.30	20 x 24	6.60		
12 x 14	3.40	14 x 20	4.60	20 x 26	6.90	30 x 30	9.00
12 x 15	3.50	14 x 22	4.80	20 x 28	7.10	30 x 36	10.00
12 x 16	3.60	14 x 24	5.00	20 x 30	7.50		
12 x 18	3.90			20 x 32	7.70		
12 x 20	4.20	16 x 16	4.40	20 x 36	8.50	36 x 36	11.00
		16 x 18	4.70				



UNITED STATES REGISTER COMPANY

LIST PRICES OF MULTIPLE-VALVE FLOOR REGISTERS, FACES AND REGISTER BODIES

Size (Duct or Floor Opening)	COMPLETE REGISTERS				Floor Register Bodies	FACES and REGISTER TOPS (for Register Bodies)			
	Group 1 Finishes	Group 2 Finishes	Group 3 Finishes	Group 4 Finishes		Group 1 Finishes	Group 2 Finishes	Group 3 Finishes	Group 4 Finishes
4 x 6	\$ 1.35	\$ 1.45	\$ 1.70	\$ 2.05	\$ 0.80	\$ 0.70	\$ 0.80	\$ 1.05	\$ 1.40
4 x 8	1.45	1.55	1.85	2.25	.80	.80	.90	1.20	1.60
4 x 10	1.55	1.65	2.00	2.45	.80	.90	1.00	1.35	1.80
4 x 12	1.70	1.85	2.25	2.80	.80	1.10	1.25	1.65	2.20
4 x 14	2.25	2.40	2.95	3.65	1.10	1.40	1.55	2.10	2.80
4 x 15	2.60	2.80	3.40	4.20	1.30	1.60	1.80	2.40	3.20
4 x 18	3.50	3.75	4.55	5.55	1.85	2.05	2.30	3.10	4.10
4 x 24	5.20	5.55	6.60	8.00	3.00	2.80	3.15	4.20	5.60
4 x 30	6.65	7.05	8.25	9.85	4.20	3.20	3.60	4.80	6.40
4 x 32	7.55	8.00	9.45	11.35	4.60	3.80	4.25	5.70	7.60
5 x 8	1.50	1.60	1.95	2.35	.80	.85	.95	1.30	1.70
5 x 9	1.55	1.65	2.00	2.45	.80	.90	1.00	1.35	1.80
5 x 10	1.60	1.70	2.10	2.55	.80	.95	1.05	1.45	1.90
5 x 12	1.75	1.90	2.35	2.90	.80	1.15	1.30	1.75	2.30
5 x 14	2.45	2.65	3.20	3.95	1.20	1.50	1.70	2.25	3.00
5 x 16	3.15	3.35	4.05	4.95	1.70	1.80	2.00	2.70	3.60
5 x 18	3.90	4.15	5.00	6.05	2.20	2.15	2.40	3.25	4.30
6 x 6	1.45	1.55	1.85	2.25	.80	.80	.90	1.20	1.60
6 x 8	1.55	1.65	2.00	2.45	.80	.90	1.00	1.35	1.80
6 x 9	1.60	1.70	2.10	2.55	.80	.95	1.05	1.45	1.90
6 x 10	1.60	1.70	2.10	2.60	.80	1.00	1.10	1.50	2.00
6 x 12	1.80	1.95	2.40	3.00	.80	1.20	1.35	1.80	2.40
6 x 14	2.55	2.75	3.35	4.10	1.30	1.55	1.75	2.35	3.10
6 x 16	3.40	3.65	4.35	5.30	1.90	1.90	2.15	2.85	3.80
6 x 18	4.15	4.40	5.25	6.35	2.40	2.20	2.45	3.30	4.40
6 x 20	4.95	5.25	6.20	7.45	3.00	2.50	2.80	3.75	5.00
6 x 24	6.30	6.65	7.80	9.30	4.00	3.00	3.35	4.50	6.00
6 x 30	8.25	8.65	9.95	11.65	5.75	3.40	3.80	5.10	6.80
6 x 36	11.00	11.60	13.45	15.90	7.30	4.90	5.50	7.35	9.80
7 x 7	1.60	1.70	2.10	2.55	.80	.95	1.05	1.45	1.90
7 x 9	1.60	1.70	2.10	2.60	.80	1.00	1.10	1.50	2.00
7 x 10	1.65	1.80	2.20	2.70	.80	1.05	1.20	1.60	2.10
7 x 12	1.90	2.05	2.55	3.15	.85	1.25	1.40	1.90	2.50
7 x 14	2.80	3.00	3.60	4.40	1.50	1.60	1.80	2.40	3.20
7 x 15	3.25	3.45	4.15	5.05	1.80	1.80	2.00	2.70	3.60
7 x 30	9.45	9.85	11.20	12.95	7.00	3.50	3.90	5.25	7.00
8 x 8	1.60	1.70	2.10	2.60	.80	1.00	1.10	1.50	2.00
8 x 10	1.70	1.85	2.25	2.80	.80	1.10	1.25	1.65	2.20
8 x 12	1.90	2.05	2.55	3.20	.85	1.30	1.45	1.95	2.60
8 x 14	2.95	3.15	3.80	4.60	1.60	1.65	1.85	2.50	3.30
8 x 15	3.45	3.65	4.40	5.30	2.00	1.85	2.05	2.80	3.70
8 x 16	3.85	4.10	4.85	5.85	2.30	2.00	2.25	3.00	4.00
8 x 18	5.05	5.35	6.25	7.45	3.20	2.40	2.70	3.60	4.80
8 x 20	6.05	6.35	7.40	8.75	4.00	2.70	3.00	4.05	5.40
8 x 24	7.90	8.30	9.50	11.10	5.60	3.20	3.60	4.80	6.40
8 x 30	10.45	10.90	12.25	14.05	8.00	3.60	4.05	5.40	7.20
8 x 36	14.05	14.65	16.65	19.25	10.40	5.20	5.80	7.80	10.40
9 x 9	1.90	2.05	2.55	3.20	.80	1.30	1.45	1.95	2.60
9 x 12	2.15	2.35	2.90	3.65	.90	1.50	1.70	2.25	3.00
9 x 14	3.20	3.40	4.15	5.05	1.70	1.85	2.05	2.80	3.70
9 x 15	3.70	3.95	4.70	5.70	2.10	2.00	2.25	3.00	4.00
9 x 16	4.25	4.50	5.35	6.40	2.55	2.15	2.40	3.25	4.30
9 x 18	5.35	5.65	6.65	7.90	3.40	2.55	2.85	3.85	5.10
9 x 20	6.35	6.70	7.80	9.20	4.20	2.85	3.20	4.30	5.70
9 x 22	7.40	7.80	9.00	10.60	5.00	3.20	3.60	4.80	6.40
9 x 24	8.20	8.60	9.85	11.50	5.80	3.30	3.70	4.95	6.60
9 x 30	10.90	11.35	12.75	14.60	8.40	3.70	4.15	5.55	7.40
9 x 36	14.65	15.30	17.35	20.00	10.90	5.35	6.00	8.05	10.70
10 x 10	2.25	2.45	3.05	3.85	.90	1.60	1.80	2.40	3.20
10 x 12	2.40	2.60	3.25	4.10	.95	1.70	1.90	2.55	3.40
10 x 14	3.40	3.65	4.40	5.40	1.80	2.00	2.25	3.00	4.00

Order Multiple-Valve Floor Registers and Faces by Floor or Duct Opening Size and Style Number.

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes (Electroplated)		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		B.Br.	Brush Brass	CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.		M.Bz.	Medium Bronze	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W. White		S.Bz.	Statuary Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak Medium Oak		Cad.	Cadmium		
		I.V. Ivory					
		L.B.B.B. Lac'd. Brush Brass					

UNITED STATES REGISTER COMPANY



LIST PRICES OF MULTIPLE-VALVE FLOOR REGISTERS, FACES AND REGISTER BODIES

Size (Duct or Floor Opening)	COMPLETE REGISTERS				Floor Register Bodies	FACES and REGISTER TOPS (for Register Bodies)			
	Group 1 Finishes	Group 2 Finishes	Group 3 Finishes	Group 4 Finishes		Group 1 Finishes	Group 2 Finishes	Group 3 Finishes	Group 4 Finishes
10 x 15	\$ 3.95	\$ 4.20	\$ 5.05	\$ 6.15	\$ 2.20	\$ 2.20	\$ 2.45	\$ 3.30	\$ 4.40
10 x 16	4.50	4.80	5.65	6.80	2.70	2.30	2.60	3.45	4.60
10 x 18	5.55	5.85	6.90	8.25	3.45	2.70	3.00	4.05	5.40
10 x 20	6.70	7.05	8.20	9.70	4.45	3.00	3.35	4.50	6.00
10 x 22	7.85	8.25	9.50	11.15	5.40	3.30	3.70	4.95	6.60
10 x 24	8.65	9.05	10.35	12.05	6.20	3.40	3.80	5.10	6.80
10 x 30	11.30	11.75	13.20	15.05	8.80	3.75	4.20	5.65	7.50
10 x 36	15.20	15.85	17.95	20.70	11.40	5.50	6.15	8.25	11.00
10 x 40	17.75	18.55	21.05	24.35	13.10	6.60	7.40	9.90	13.20
12 x 12	3.60	3.85	4.70	5.80	1.80	2.20	2.45	3.30	4.40
12 x 14	4.25	4.55	5.50	6.75	2.20	2.50	2.80	3.75	5.00
12 x 15	4.75	5.05	6.05	7.35	2.70	2.60	2.90	3.90	5.20
12 x 16	5.25	5.55	6.60	7.95	3.15	2.70	3.00	4.05	5.40
12 x 18	6.45	6.80	7.95	9.45	4.15	3.00	3.35	4.50	6.00
12 x 20	7.55	7.95	9.20	10.85	5.10	3.30	3.70	4.95	6.60
12 x 22	8.80	9.25	10.60	12.40	6.20	3.60	4.05	5.40	7.20
12 x 24	9.75	10.20	11.65	13.50	7.10	3.75	4.20	5.65	7.50
12 x 26	10.65	11.10	12.60	14.50	8.00	3.85	4.30	5.80	7.70
12 x 28	11.65	12.10	13.65	15.60	9.00	3.95	4.40	5.95	7.90
12 x 30	12.60	13.10	14.60	16.60	10.00	4.00	4.50	6.00	8.00
12 x 36	16.90	17.60	19.80	22.70	13.00	5.80	6.50	8.70	11.60
12 x 40	19.80	20.65	23.30	26.80	15.00	7.00	7.85	10.50	14.00
12 x 48	24.75	25.85	29.25	33.75	18.50	9.00	10.10	13.50	18.00
14 x 14	5.65	6.00	7.10	8.55	3.40	2.90	3.25	4.35	5.80
14 x 16	6.85	7.20	8.40	9.95	4.50	3.10	3.45	4.65	6.20
14 x 18	8.10	8.50	9.80	11.50	5.60	3.40	3.80	5.10	6.80
14 x 20	9.35	9.80	11.20	13.05	6.70	3.70	4.15	5.55	7.40
14 x 22	10.55	11.00	12.50	14.45	7.80	3.90	4.35	5.85	7.80
14 x 24	11.60	12.10	13.65	15.70	8.80	4.10	4.60	6.15	8.20
14 x 26	12.85	13.35	15.00	17.15	10.00	4.30	4.80	6.45	8.60
14 x 28	13.95	14.50	16.20	18.45	11.00	4.50	5.05	6.75	9.00
14 x 30	14.95	15.50	17.25	19.55	12.00	4.60	5.15	6.90	9.20
14 x 32	16.75	17.40	19.45	22.15	13.20	5.40	6.05	8.10	10.80
14 x 36	19.60	20.40	22.85	26.10	15.30	6.50	7.30	9.75	13.00
14 x 40	22.60	23.50	26.45	30.30	17.40	7.70	8.60	11.55	15.40
14 x 48	28.35	29.55	33.35	38.35	21.50	10.00	11.20	15.00	20.00
16 x 16	8.65	9.10	10.45	12.25	6.00	3.60	4.05	5.40	7.20
16 x 18	9.90	10.35	11.80	13.70	7.20	3.80	4.25	5.70	7.60
16 x 20	11.15	11.65	13.15	15.15	8.40	4.00	4.50	6.00	8.00
16 x 22	12.50	13.00	14.60	16.70	9.70	4.20	4.70	6.30	8.40
16 x 24	13.70	14.25	15.90	18.10	10.80	4.40	4.95	6.60	8.70
16 x 26	15.10	15.70	17.50	19.90	12.00	4.80	5.40	7.20	9.60
16 x 28	16.55	17.15	19.15	21.75	13.20	5.20	5.80	7.80	10.40
16 x 30	17.90	18.55	20.65	23.40	14.40	5.50	6.15	8.25	11.00
16 x 32	19.60	20.35	22.70	25.80	15.60	6.20	6.95	9.30	12.40
16 x 36	22.75	23.65	26.40	30.05	18.00	7.30	8.20	10.95	14.60
16 x 40	25.90	26.90	30.15	34.40	20.30	8.50	9.50	12.75	17.00
16 x 42	27.55	28.65	32.10	36.65	21.50	9.10	10.20	13.65	18.20
18 x 18	11.90	12.40	14.00	16.10	9.00	4.20	4.70	6.30	8.40
18 x 20	13.15	13.70	15.35	17.55	10.20	4.40	4.95	6.60	8.80
18 x 22	14.60	15.15	16.90	19.20	11.60	4.60	5.15	6.90	9.20
18 x 24	16.00	16.60	18.40	20.80	13.00	4.80	5.40	7.20	9.60
18 x 28	19.25	19.95	22.15	25.05	15.60	5.80	6.50	8.70	11.60
18 x 30	20.80	21.55	23.85	26.90	17.00	6.10	6.85	9.15	12.20
18 x 34	24.55	25.45	28.35	32.15	19.70	7.60	8.50	11.40	15.20
18 x 36	26.10	27.05	30.10	34.10	21.00	8.00	8.95	12.00	16.00
18 x 40	29.60	30.70	34.20	38.80	23.70	9.20	10.30	13.80	18.40
18 x 48	37.35	38.85	43.60	49.85	29.00	12.50	14.00	18.75	25.00
20 x 20	15.30	15.90	17.80	20.30	12.00	5.00	5.60	7.50	10.00
20 x 22	16.90	17.50	19.50	22.10	13.60	5.20	5.80	7.80	10.40
20 x 24	18.55	19.20	21.25	23.95	15.20	5.40	6.05	8.10	10.80
20 x 26	20.45	21.15	23.40	26.35	16.80	5.90	6.60	8.85	11.80

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes (Electroplated)		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		B.Br.	Brush Brass	CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.		M.Bz.	Medium Bronze	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W. White		S.Bz.	Statuary Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak Medium Oak		Cad.	Cadmium		
		I.V. Ivory					
		L.B.B.B. Lac'd. Brush Brass					



UNITED STATES REGISTER COMPANY

LIST PRICES OF MULTIPLE-VALVE FLOOR REGISTERS, FACES AND REGISTER BODIES

Size (Duct or Floor Opening)	COMPLETE REGISTERS				Floor Register Bodies	FACES and REGISTER TOPS (for Register Bodies)			
	Group 1 Finishes	Group 2 Finishes	Group 3 Finishes	Group 4 Finishes		Group 1 Finishes	Group 2 Finishes	Group 3 Finishes	Group 4 Finishes
20 x 28	\$22.40	\$23.15	\$25.60	\$28.80	\$18.50	\$ 6.40	\$ 7.15	\$ 9.60	\$12.80
20 x 30	24.05	24.85	27.40	30.75	20.00	6.70	7.50	10.05	13.40
20 x 32	26.30	27.20	30.10	33.90	21.60	7.60	8.50	11.40	15.20
20 x 34	28.55	29.55	32.80	37.05	23.20	8.50	9.50	12.75	17.00
20 x 36	30.40	31.50	34.90	39.40	24.80	9.00	10.10	13.50	18.00
20 x 40	34.45	35.70	39.70	44.95	27.80	10.50	11.75	15.75	21.00
20 x 44	39.85	41.45	46.60	53.35	30.80	13.50	15.10	20.25	27.00
20 x 48	43.85	45.65	51.35	58.85	33.70	15.00	16.80	22.50	30.00
22 x 22	19.80	20.50	22.80	25.80	16.00	6.00	6.70	9.00	12.00
22 x 24	21.60	22.35	24.70	27.80	17.80	6.20	6.95	9.30	12.40
22 x 26	23.50	24.30	26.85	30.20	19.40	6.70	7.50	10.05	13.40
22 x 28	25.65	26.55	29.30	32.95	21.20	7.30	8.20	10.95	14.60
22 x 30	27.65	28.55	31.50	35.35	23.00	7.70	8.60	11.55	15.40
22 x 32	30.05	31.10	34.40	38.75	24.70	8.70	9.75	13.05	17.40
22 x 34	32.50	33.70	37.40	42.30	26.30	9.80	11.00	14.70	19.60
22 x 36	34.65	35.90	39.90	45.15	28.00	10.50	11.75	15.75	21.00
22 x 38	37.15	38.55	42.95	48.75	29.70	11.60	13.00	17.40	23.20
22 x 40	39.25	40.75	45.40	51.55	31.30	12.30	13.80	18.45	24.60
22 x 42	42.30	44.00	49.30	56.30	33.00	14.00	15.70	21.00	28.00
22 x 46	47.70	49.75	56.20	64.70	36.00	17.00	19.05	25.50	34.00
24 x 24	24.30	25.15	27.80	31.30	20.00	7.00	7.85	10.50	14.00
24 x 26	26.75	27.65	30.60	34.45	22.00	7.70	8.60	11.55	15.40
24 x 28	29.15	30.15	33.35	37.55	24.00	8.40	9.40	12.60	16.80
24 x 30	31.15	32.20	35.55	39.95	25.80	8.80	9.85	13.20	17.60
24 x 32	33.75	34.95	38.75	43.75	27.50	10.00	11.20	15.00	20.00
24 x 36	38.60	40.05	44.60	50.60	30.90	12.00	13.45	18.00	24.00
24 x 40	43.40	45.10	50.40	57.40	34.20	14.00	15.70	21.00	28.00
24 x 42	46.60	48.50	54.60	62.60	35.80	16.00	17.90	24.00	32.00
24 x 48	54.65	57.05	64.65	74.65	40.70	20.00	22.40	30.00	40.00
26 x 26	29.60	30.65	33.95	38.30	24.20	8.70	9.75	13.05	17.40
26 x 28	32.05	33.20	36.85	41.65	26.00	9.60	10.75	14.40	19.20
26 x 30	34.40	35.60	39.50	44.60	28.00	10.20	11.40	15.30	20.40
26 x 32	36.80	38.15	42.45	48.10	29.60	11.30	12.65	16.95	22.60
26 x 34	39.50	41.00	45.75	52.00	31.40	12.50	14.00	18.75	25.00
26 x 36	42.10	43.75	48.90	55.70	33.20	13.60	15.25	20.40	27.20
28 x 28	34.90	36.20	40.30	45.70	28.00	10.80	12.10	16.20	21.60
28 x 30	37.25	38.60	42.95	48.65	30.00	11.40	12.75	17.10	22.80
28 x 32	40.15	41.65	46.50	52.85	31.90	12.70	14.20	19.05	25.40
28 x 34	43.00	44.70	50.00	57.00	33.80	14.00	15.70	21.00	28.00
28 x 36	45.80	47.60	53.40	61.00	35.70	15.20	17.00	22.80	30.40
28 x 40	51.55	53.70	60.55	69.55	39.30	18.00	20.15	27.00	36.00
30 x 30	41.15	42.70	47.65	54.15	32.70	13.00	14.55	19.50	26.00
30 x 32	44.10	45.85	51.30	58.50	34.60	14.40	16.15	21.60	28.80
30 x 34	47.05	48.95	54.95	62.85	36.50	15.80	17.70	23.70	31.60
30 x 36	50.05	52.10	58.65	67.25	38.40	17.20	19.25	25.80	34.40
30 x 40	55.80	58.20	65.80	75.80	42.00	20.00	22.40	30.00	40.00
30 x 42	59.40	62.05	70.40	81.40	44.00	22.00	24.65	33.00	44.00
30 x 48	68.20	71.30	81.20	94.20	49.80	26.00	29.10	39.00	52.00
32 x 32	47.00	48.80	54.50	62.00	37.20	15.00	16.80	22.50	30.00
34 x 34	53.55	55.65	62.30	71.05	42.00	17.50	19.60	26.25	35.00
36 x 36	60.30	62.70	70.30	80.30	47.00	20.00	22.40	30.00	40.00
36 x 40	69.30	72.40	82.30	95.30	51.00	26.00	29.10	39.00	52.00
36 x 42	72.00	75.25	85.50	99.00	53.00	27.00	30.25	40.50	54.00
36 x 48	81.90	85.75	97.90	113.90	59.00	32.00	35.85	48.00	64.00
38 x 38	69.30	72.40	82.30	95.30	51.00	26.00	29.10	39.00	52.00
38 x 40	72.00	75.25	85.50	99.00	53.00	27.00	30.25	40.50	54.00
38 x 42	77.40	81.00	92.40	107.40	56.00	30.00	33.60	45.00	60.00

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes (Electroplated)		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		B.Br.	Brush Brass	CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.		M.Bz.	Medium Bronze	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	S.Bz.	Statuary Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	Cad.	Cadmium		
		I.V.	Ivory				
		L.B.B.B. Lac'd. Brush Brass					

UNITED STATES REGISTER COMPANY



EXTREME DIMENSIONS AND FREE AREAS OF NO. 305 STEEL FACES AND NO. 303 REGISTER TOPS SQUARE LATTICE — EMBOSSED DESIGN

Square Lattice Designs may be furnished in Following Sizes ONLY.

Other Sizes than listed below must be changed to TRUSSTEEL CONSTRUCTION.

SIZE (Duct or Floor Opening)	Extreme Size Register Face	Free Area Square Inches	SIZE (Duct or Floor Opening)	Extreme Size Register Face	Free Area Square Inches
4 x 6	6 x 7 $\frac{7}{8}$	17	8 x 24	9 $\frac{7}{8}$ x 25 $\frac{3}{4}$	136
4 x 8	6 x 9 $\frac{7}{8}$	22	8 x 30	9 $\frac{7}{8}$ x 31 $\frac{3}{4}$	169
4 x 10	6 x 11 $\frac{7}{8}$	28	9 x 12	10 $\frac{7}{8}$ x 13 $\frac{7}{8}$	76
4 x 12	6 x 13 $\frac{7}{8}$	33	9 x 14	10 $\frac{7}{8}$ x 15 $\frac{7}{8}$	89
4 x 14	6 x 15 $\frac{7}{8}$	39	10 x 10	11 $\frac{7}{8}$ x 11 $\frac{7}{8}$	70
4 x 16	6 x 17 $\frac{3}{4}$	41	10 x 12	11 $\frac{7}{8}$ x 13 $\frac{7}{8}$	85
4 x 18	6 x 19 $\frac{3}{4}$	50	10 x 14	11 $\frac{7}{8}$ x 15 $\frac{7}{8}$	97
4 x 24	6 x 25 $\frac{3}{4}$	66	10 x 16	11 $\frac{7}{8}$ x 17 $\frac{3}{4}$	113
4 x 30	6 x 31 $\frac{3}{4}$	82	10 x 18	11 $\frac{7}{8}$ x 19 $\frac{3}{4}$	126
6 x 6	8 x 8	25	10 x 20	11 $\frac{7}{8}$ x 21 $\frac{3}{4}$	141
6 x 8	8 x 9 $\frac{7}{8}$	33	10 x 24	11 $\frac{7}{8}$ x 25 $\frac{3}{4}$	169
6 x 10	8 x 11 $\frac{7}{8}$	41	10 x 30	11 $\frac{7}{8}$ x 31 $\frac{3}{4}$	211
6 x 12	8 x 13 $\frac{7}{8}$	50	12 x 12	13 $\frac{7}{8}$ x 13 $\frac{7}{8}$	101
6 x 14	8 x 15 $\frac{7}{8}$	58	12 x 14	13 $\frac{7}{8}$ x 15 $\frac{7}{8}$	120
6 x 16	8 x 17 $\frac{3}{4}$	66	12 x 15	13 $\frac{7}{8}$ x 16 $\frac{3}{4}$	128
6 x 18	8 x 19 $\frac{3}{4}$	74	12 x 16	13 $\frac{7}{8}$ x 17 $\frac{3}{4}$	133
6 x 20	8 x 21 $\frac{3}{4}$	83	12 x 18	13 $\frac{7}{8}$ x 19 $\frac{3}{4}$	152
6 x 24	8 x 25 $\frac{3}{4}$	101	12 x 20	13 $\frac{7}{8}$ x 21 $\frac{3}{4}$	170
6 x 30	8 x 31 $\frac{3}{4}$	124	12 x 24	13 $\frac{7}{8}$ x 25 $\frac{3}{4}$	204
8 x 8	9 $\frac{7}{8}$ x 9 $\frac{7}{8}$	44	12 x 26	13 $\frac{7}{8}$ x 27 $\frac{3}{4}$	217
8 x 10	9 $\frac{7}{8}$ x 11 $\frac{7}{8}$	56	12 x 28	13 $\frac{7}{8}$ x 29 $\frac{3}{4}$	232
8 x 12	9 $\frac{7}{8}$ x 13 $\frac{7}{8}$	68	12 x 30	13 $\frac{7}{8}$ x 31 $\frac{3}{4}$	253
8 x 14	9 $\frac{7}{8}$ x 15 $\frac{7}{8}$	79	14 x 14	15 $\frac{7}{8}$ x 15 $\frac{7}{8}$	139
8 x 16	9 $\frac{7}{8}$ x 17 $\frac{3}{4}$	90	14 x 16	15 $\frac{7}{8}$ x 17 $\frac{3}{4}$	154
8 x 18	9 $\frac{7}{8}$ x 19 $\frac{3}{4}$	101	14 x 18	15 $\frac{7}{8}$ x 19 $\frac{3}{4}$	172
8 x 20	9 $\frac{7}{8}$ x 21 $\frac{3}{4}$	113			

EXTREME DIMENSIONS AND FREE AREAS OF NO. 305 STEEL FACES AND NO. 303 REGISTER TOPS OBLONG LATTICE — EMBOSSED DESIGN

Oblong Lattice Designs may be furnished in Following Sizes ONLY.

Other Sizes than listed below must be changed to TRUSSTEEL CONSTRUCTION.

SIZE (Duct or Floor Opening)	Extreme Size Register Face	Free Area Square Inches	SIZE (Duct or Floor Opening)	Extreme Size Register Face	Free Area Square Inches
6 x 24	8 x 25 $\frac{5}{8}$	108	18 x 18	19 $\frac{3}{4}$ x 19 $\frac{3}{4}$	244
6 x 30	8 x 31 $\frac{1}{2}$	135	18 x 20	19 $\frac{3}{4}$ x 21 $\frac{3}{4}$	278
8 x 24	9 $\frac{7}{8}$ x 25 $\frac{5}{8}$	144	18 x 24	19 $\frac{3}{4}$ x 25 $\frac{5}{8}$	326
8 x 30	9 $\frac{7}{8}$ x 31 $\frac{1}{2}$	180	18 x 30	19 $\frac{3}{4}$ x 31 $\frac{1}{2}$	407
10 x 24	11 $\frac{7}{8}$ x 25 $\frac{5}{8}$	180	20 x 20	21 $\frac{3}{4}$ x 21 $\frac{3}{4}$	302
10 x 30	11 $\frac{7}{8}$ x 31 $\frac{1}{2}$	225	20 x 24	21 $\frac{3}{4}$ x 25 $\frac{5}{8}$	362
12 x 14	13 $\frac{7}{8}$ x 15 $\frac{3}{4}$	126	20 x 30	21 $\frac{3}{4}$ x 31 $\frac{1}{2}$	452
12 x 24	13 $\frac{7}{8}$ x 25 $\frac{5}{8}$	216	24 x 24	25 $\frac{5}{8}$ x 25 $\frac{5}{8}$	434
12 x 30	13 $\frac{7}{8}$ x 31 $\frac{1}{2}$	270	24 x 30	25 $\frac{5}{8}$ x 31 $\frac{1}{2}$	543
14 x 30	15 $\frac{3}{4}$ x 31 $\frac{1}{2}$	315	24 x 36	25 $\frac{5}{8}$ x 37 $\frac{1}{2}$	651
16 x 16	17 $\frac{3}{4}$ x 17 $\frac{3}{4}$	193	26 x 26	27 $\frac{5}{8}$ x 27 $\frac{5}{8}$	509
16 x 18	17 $\frac{3}{4}$ x 19 $\frac{3}{4}$	217	26 x 30	27 $\frac{5}{8}$ x 31 $\frac{1}{2}$	588
16 x 20	17 $\frac{3}{4}$ x 21 $\frac{3}{4}$	241	26 x 36	27 $\frac{5}{8}$ x 37 $\frac{1}{2}$	705
16 x 24	17 $\frac{3}{4}$ x 25 $\frac{5}{8}$	290	28 x 28	29 $\frac{1}{2}$ x 29 $\frac{5}{8}$	791
16 x 30	17 $\frac{3}{4}$ x 31 $\frac{1}{2}$	363	28 x 30	29 $\frac{1}{2}$ x 31 $\frac{1}{2}$	632
			28 x 36	29 $\frac{1}{2}$ x 37 $\frac{1}{2}$	760
			30 x 30	31 $\frac{1}{2}$ x 31 $\frac{1}{2}$	676
			30 x 36	31 $\frac{1}{2}$ x 37 $\frac{1}{2}$	814

The Extreme Dimensions listed above cannot be increased but faces may be trimmed to lessen overall size which eliminates the bevelled feature.



UNITED STATES REGISTER COMPANY

EXTREME DIMENSIONS AND FREE AREAS OF NO. 405 AND NO. 415 TRUSSTEEL FACES

SIZE (Duct or Floor Opening)	Extreme Size of Register Face	No. 405 Free Area Square Inches	No. 415 Free Area Square Inches	SIZE (Duct or Floor Opening)	Extreme Size of Register Face	No. 405 Free Area Square Inches	No. 415 Free Area Square Inches	SIZE (Duct or Floor Opening)	Extreme Size of Register Face	No. 405 Free Area Square Inches	No. 415 Free Area Square Inches
4 x 6	5 $\frac{7}{8}$ x 7 $\frac{7}{8}$	19	18	10 x 18	11 $\frac{7}{8}$ x 19 $\frac{7}{8}$	147	137	22 x 22	23 $\frac{7}{8}$ x 23 $\frac{7}{8}$	398	368
4 x 8	5 $\frac{7}{8}$ x 9 $\frac{7}{8}$	26	24	10 x 20	11 $\frac{7}{8}$ x 21 $\frac{7}{8}$	164	152	22 x 24	23 $\frac{7}{8}$ x 25 $\frac{7}{8}$	432	402
4 x 10	5 $\frac{7}{8}$ x 11 $\frac{7}{8}$	33	30	10 x 22	11 $\frac{7}{8}$ x 23 $\frac{7}{8}$	180	167	22 x 26	23 $\frac{7}{8}$ x 27 $\frac{7}{8}$	468	435
4 x 12	5 $\frac{7}{8}$ x 13 $\frac{7}{8}$	39	36	10 x 24	11 $\frac{7}{8}$ x 25 $\frac{7}{8}$	197	183	22 x 28	23 $\frac{7}{8}$ x 29 $\frac{7}{8}$	505	467
4 x 14	5 $\frac{7}{8}$ x 15 $\frac{7}{8}$	46	42	10 x 30	11 $\frac{7}{8}$ x 31 $\frac{7}{8}$	246	228	22 x 30	23 $\frac{7}{8}$ x 31 $\frac{7}{8}$	541	501
4 x 16	5 $\frac{7}{8}$ x 17 $\frac{7}{8}$	53	49	10 x 36	11 $\frac{7}{8}$ x 37 $\frac{7}{8}$	295	276	22 x 32	23 $\frac{7}{8}$ x 33 $\frac{7}{8}$	576	534
4 x 24	5 $\frac{7}{8}$ x 25 $\frac{7}{8}$	79	73	10 x 40	11 $\frac{7}{8}$ x 41 $\frac{7}{8}$	327	304	22 x 36	23 $\frac{7}{8}$ x 37 $\frac{7}{8}$	648	602
4 x 30	5 $\frac{7}{8}$ x 31 $\frac{7}{8}$	99	91					22 x 38	23 $\frac{7}{8}$ x 39 $\frac{7}{8}$	674	634
4 x 32	5 $\frac{7}{8}$ x 33 $\frac{7}{8}$	105	97	11 x 30	12 $\frac{7}{8}$ x 31 $\frac{7}{8}$	270	250	22 x 40	23 $\frac{7}{8}$ x 41 $\frac{7}{8}$	722	668
								22 x 42	23 $\frac{7}{8}$ x 43 $\frac{7}{8}$	753	702
5 x 8	6 $\frac{7}{8}$ x 9 $\frac{7}{8}$	33	30	12 x 12	13 $\frac{7}{8}$ x 13 $\frac{7}{8}$	118	110				
5 x 9	6 $\frac{7}{8}$ x 10 $\frac{7}{8}$	37	34	12 x 14	13 $\frac{7}{8}$ x 15 $\frac{7}{8}$	138	128	24 x 24	25 $\frac{7}{8}$ x 25 $\frac{7}{8}$	473	438
5 x 10	6 $\frac{7}{8}$ x 11 $\frac{7}{8}$	41	38	12 x 15	13 $\frac{7}{8}$ x 16 $\frac{7}{8}$	148	137	24 x 26	25 $\frac{7}{8}$ x 27 $\frac{7}{8}$	512	474
5 x 12	6 $\frac{7}{8}$ x 13 $\frac{7}{8}$	49	46	12 x 16	13 $\frac{7}{8}$ x 17 $\frac{7}{8}$	158	146	24 x 30	25 $\frac{7}{8}$ x 31 $\frac{7}{8}$	591	547
5 x 14	6 $\frac{7}{8}$ x 15 $\frac{7}{8}$	57	53	12 x 18	13 $\frac{7}{8}$ x 19 $\frac{7}{8}$	177	164	24 x 32	25 $\frac{7}{8}$ x 33 $\frac{7}{8}$	630	584
5 x 16	6 $\frac{7}{8}$ x 17 $\frac{7}{8}$	65	60	12 x 20	13 $\frac{7}{8}$ x 21 $\frac{7}{8}$	196	182	24 x 34	25 $\frac{7}{8}$ x 35 $\frac{7}{8}$	670	612
5 x 18	6 $\frac{7}{8}$ x 19 $\frac{7}{8}$	74	69	12 x 22	13 $\frac{7}{8}$ x 23 $\frac{7}{8}$	216	200	24 x 36	25 $\frac{7}{8}$ x 37 $\frac{7}{8}$	708	657
				12 x 24	13 $\frac{7}{8}$ x 25 $\frac{7}{8}$	236	219	24 x 38	25 $\frac{7}{8}$ x 39 $\frac{7}{8}$	758	694
6 x 6	7 $\frac{7}{8}$ x 7 $\frac{7}{8}$	30	27	12 x 26	13 $\frac{7}{8}$ x 27 $\frac{7}{8}$	256	237	24 x 40	25 $\frac{7}{8}$ x 41 $\frac{7}{8}$	786	728
6 x 8	7 $\frac{7}{8}$ x 9 $\frac{7}{8}$	39	36	12 x 28	13 $\frac{7}{8}$ x 29 $\frac{7}{8}$	276	256	24 x 42	25 $\frac{7}{8}$ x 43 $\frac{7}{8}$	827	766
6 x 9	7 $\frac{7}{8}$ x 10 $\frac{7}{8}$	44	41	12 x 30	13 $\frac{7}{8}$ x 31 $\frac{7}{8}$	295	275	24 x 48	25 $\frac{7}{8}$ x 49 $\frac{7}{8}$	945	876
6 x 10	7 $\frac{7}{8}$ x 11 $\frac{7}{8}$	49	46	12 x 36	13 $\frac{7}{8}$ x 37 $\frac{7}{8}$	354	328				
6 x 12	7 $\frac{7}{8}$ x 13 $\frac{7}{8}$	59	55	12 x 40	13 $\frac{7}{8}$ x 41 $\frac{7}{8}$	394	374	26 x 26	27 $\frac{7}{8}$ x 27 $\frac{7}{8}$	554	514
6 x 14	7 $\frac{7}{8}$ x 15 $\frac{7}{8}$	67	63	12 x 48	13 $\frac{7}{8}$ x 49 $\frac{7}{8}$	474	438	26 x 28	27 $\frac{7}{8}$ x 29 $\frac{7}{8}$	598	554
6 x 16	7 $\frac{7}{8}$ x 17 $\frac{7}{8}$	79	73					26 x 30	27 $\frac{7}{8}$ x 31 $\frac{7}{8}$	649	593
6 x 18	7 $\frac{7}{8}$ x 19 $\frac{7}{8}$	89	82	13 x 30	14 $\frac{7}{8}$ x 31 $\frac{7}{8}$	319	296	26 x 32	27 $\frac{7}{8}$ x 33 $\frac{7}{8}$	682	632
6 x 20	7 $\frac{7}{8}$ x 21 $\frac{7}{8}$	99	91					26 x 34	27 $\frac{7}{8}$ x 35 $\frac{7}{8}$	725	672
6 x 24	7 $\frac{7}{8}$ x 25 $\frac{7}{8}$	118	110	14 x 14	15 $\frac{7}{8}$ x 15 $\frac{7}{8}$	161	149	26 x 36	27 $\frac{7}{8}$ x 37 $\frac{7}{8}$	768	711
6 x 30	7 $\frac{7}{8}$ x 31 $\frac{7}{8}$	148	137	14 x 16	15 $\frac{7}{8}$ x 17 $\frac{7}{8}$	184	170				
6 x 36	7 $\frac{7}{8}$ x 37 $\frac{7}{8}$	177	164	14 x 18	15 $\frac{7}{8}$ x 19 $\frac{7}{8}$	206	192	28 x 28	29 $\frac{7}{8}$ x 29 $\frac{7}{8}$	643	596
				14 x 20	15 $\frac{7}{8}$ x 21 $\frac{7}{8}$	230	213	28 x 30	29 $\frac{7}{8}$ x 31 $\frac{7}{8}$	689	638
7 x 7	8 $\frac{7}{8}$ x 8 $\frac{7}{8}$	40	37	14 x 22	15 $\frac{7}{8}$ x 23 $\frac{7}{8}$	252	234	28 x 32	29 $\frac{7}{8}$ x 33 $\frac{7}{8}$	735	681
7 x 9	8 $\frac{7}{8}$ x 10 $\frac{7}{8}$	52	48	14 x 24	15 $\frac{7}{8}$ x 25 $\frac{7}{8}$	276	252	28 x 34	29 $\frac{7}{8}$ x 35 $\frac{7}{8}$	781	724
7 x 10	8 $\frac{7}{8}$ x 11 $\frac{7}{8}$	58	53	14 x 26	15 $\frac{7}{8}$ x 27 $\frac{7}{8}$	298	277	28 x 36	29 $\frac{7}{8}$ x 37 $\frac{7}{8}$	827	766
7 x 12	8 $\frac{7}{8}$ x 13 $\frac{7}{8}$	69	64	14 x 28	15 $\frac{7}{8}$ x 29 $\frac{7}{8}$	322	298	28 x 40	29 $\frac{7}{8}$ x 41 $\frac{7}{8}$	918	851
7 x 14	8 $\frac{7}{8}$ x 15 $\frac{7}{8}$	80	74	14 x 30	15 $\frac{7}{8}$ x 31 $\frac{7}{8}$	344	319				
7 x 15	8 $\frac{7}{8}$ x 16 $\frac{7}{8}$	86	80	14 x 32	15 $\frac{7}{8}$ x 33 $\frac{7}{8}$	368	341	30 x 30	31 $\frac{7}{8}$ x 31 $\frac{7}{8}$	738	684
7 x 30	8 $\frac{7}{8}$ x 31 $\frac{7}{8}$	172	160	14 x 36	15 $\frac{7}{8}$ x 37 $\frac{7}{8}$	413	383	30 x 32	31 $\frac{7}{8}$ x 33 $\frac{7}{8}$	787	730
				14 x 40	15 $\frac{7}{8}$ x 41 $\frac{7}{8}$	460	426	30 x 34	31 $\frac{7}{8}$ x 35 $\frac{7}{8}$	836	775
8 x 8	9 $\frac{7}{8}$ x 9 $\frac{7}{8}$	52	49	14 x 48	15 $\frac{7}{8}$ x 49 $\frac{7}{8}$	550	510	30 x 36	31 $\frac{7}{8}$ x 37 $\frac{7}{8}$	886	821
8 x 10	9 $\frac{7}{8}$ x 11 $\frac{7}{8}$	65	61					30 x 40	31 $\frac{7}{8}$ x 41 $\frac{7}{8}$	984	912
8 x 12	9 $\frac{7}{8}$ x 13 $\frac{7}{8}$	79	73	16 x 16	17 $\frac{7}{8}$ x 17 $\frac{7}{8}$	210	195	30 x 42	31 $\frac{7}{8}$ x 43 $\frac{7}{8}$	1033	958
8 x 14	9 $\frac{7}{8}$ x 15 $\frac{7}{8}$	92	85	16 x 18	17 $\frac{7}{8}$ x 19 $\frac{7}{8}$	236	219	30 x 44	31 $\frac{7}{8}$ x 45 $\frac{7}{8}$	1082	1003
8 x 15	9 $\frac{7}{8}$ x 16 $\frac{7}{8}$	99	91	16 x 20	17 $\frac{7}{8}$ x 21 $\frac{7}{8}$	262	243	30 x 48	31 $\frac{7}{8}$ x 49 $\frac{7}{8}$	1181	1094
8 x 16	9 $\frac{7}{8}$ x 17 $\frac{7}{8}$	105	96	16 x 22	17 $\frac{7}{8}$ x 23 $\frac{7}{8}$	288	268				
8 x 18	9 $\frac{7}{8}$ x 19 $\frac{7}{8}$	118	110	16 x 24	17 $\frac{7}{8}$ x 25 $\frac{7}{8}$	313	293	32 x 32	33 $\frac{7}{8}$ x 33 $\frac{7}{8}$	840	778
8 x 20	9 $\frac{7}{8}$ x 21 $\frac{7}{8}$	131	121	16 x 26	17 $\frac{7}{8}$ x 27 $\frac{7}{8}$	341	316				
8 x 24	9 $\frac{7}{8}$ x 25 $\frac{7}{8}$	157	146	16 x 28	17 $\frac{7}{8}$ x 29 $\frac{7}{8}$	367	341	34 x 34	35 $\frac{7}{8}$ x 35 $\frac{7}{8}$	948	878
8 x 30	9 $\frac{7}{8}$ x 31 $\frac{7}{8}$	197	182	16 x 30	17 $\frac{7}{8}$ x 31 $\frac{7}{8}$	394	364				
8 x 36	9 $\frac{7}{8}$ x 37 $\frac{7}{8}$	236	218	16 x 32	17 $\frac{7}{8}$ x 33 $\frac{7}{8}$	420	389	36 x 36	37 $\frac{7}{8}$ x 37 $\frac{7}{8}$	1063	985
				16 x 36	17 $\frac{7}{8}$ x 37 $\frac{7}{8}$	473	438	36 x 38	37 $\frac{7}{8}$ x 39 $\frac{7}{8}$	1122	1040
9 x 9	10 $\frac{7}{8}$ x 10 $\frac{7}{8}$	67	62					36 x 40	37 $\frac{7}{8}$ x 41 $\frac{7}{8}$	1181	1094
9 x 12	10 $\frac{7}{8}$ x 13 $\frac{7}{8}$	89	82	18 x 18	19 $\frac{7}{8}$ x 19 $\frac{7}{8}$	266	247	36 x 42	37 $\frac{7}{8}$ x 43 $\frac{7}{8}$	1240	1149
9 x 14	10 $\frac{7}{8}$ x 15 $\frac{7}{8}$	103	96	18 x 20	19 $\frac{7}{8}$ x 21 $\frac{7}{8}$	295	273	36 x 44	37 $\frac{7}{8}$ x 45 $\frac{7}{8}$	1299	1204
9 x 15	10 $\frac{7}{8}$ x 16 $\frac{7}{8}$	110	101	18 x 22	19 $\frac{7}{8}$ x 23 $\frac{7}{8}$	325	301	36 x 46	37 $\frac{7}{8}$ x 47 $\frac{7}{8}$	1358	1259
9 x 16	10 $\frac{7}{8}$ x 17 $\frac{7}{8}$	118	110	18 x 24	19 $\frac{7}{8}$ x 25 $\frac{7}{8}$	354	328	36 x 48	37 $\frac{7}{8}$ x 49 $\frac{7}{8}$	1417	1313
9 x 18	10 $\frac{7}{8}$ x 19 $\frac{7}{8}$	133	122	18 x 28	19 $\frac{7}{8}$ x 29 $\frac{7}{8}$	413	383				
9 x 20	10 $\frac{7}{8}$ x 21 $\frac{7}{8}$	147	137	18 x 30	19 $\frac{7}{8}$ x 31 $\frac{7}{8}$	443	410	38 x 38	39 $\frac{7}{8}$ x 39 $\frac{7}{8}$	1184	1097
9 x 22	10 $\frac{7}{8}$ x 23 $\frac{7}{8}$	162	150	18 x 36	19 $\frac{7}{8}$ x 37 $\frac{7}{8}$	532	492	38 x 40	39 $\frac{7}{8}$ x 41 $\frac{7}{8}$	1246	1155
9 x 24	10 $\frac{7}{8}$ x 25 $\frac{7}{8}$	177	162					38 x 42	39 $\frac{7}{8}$ x 43 $\frac{7}{8}$	1309	1213
9 x 30	10 $\frac{7}{8}$ x 31 $\frac{7}{8}$	222	202	20 x 20	21 $\frac{7}{8}$ x 21 $\frac{7}{8}$	328	304	38 x 44	39 $\frac{7}{8}$ x 45 $\frac{7}{8}$	1371	1271
9 x 36	10 $\frac{7}{8}$ x 37 $\frac{7}{8}$	266	246	20 x 22	21 $\frac{7}{8}$ x 23 $\frac{7}{8}$	360	334	38 x 46	39 $\frac{7}{8}$ x 47 $\frac{7}{8}$	1433	1328
				20 x 24	21 $\frac{7}{8}$ x 25 $\frac{7}{8}$	394	365	38 x 48	39 $\frac{7}{8}$ x 49 $\frac{7}{8}$	1496	1386
10 x 10	11 $\frac{7}{8}$ x 11 $\frac{7}{8}$	82	76	20 x 26	21 $\frac{7}{8}$ x 27 $\frac{7}{8}$	426	395				
10 x 12	11 $\frac{7}{8}$ x 13 $\frac{7}{8}$	99	91	20 x 28	21 $\frac{7}{8}$ x 29 $\frac{7}{8}$	458	426	40 x 40	41 $\frac{7}{8}$ x 41 $\frac{7}{8}$	1312	1216
10 x 14	11 $\frac{7}{8}$ x 15 $\frac{7}{8}$	115	106	20 x 30	21 $\frac{7}{8}$ x 31 $\frac{7}{8}$	493	456	40 x 42	41 $\frac{7}{8}$ x 43 $\frac{7}{8}$	1378	1277
10 x 15	11 $\frac{7}{8}$ x 16 $\frac{7}{8}$	123	114	20 x 32	21 $\frac{7}{8}$ x 33 $\frac{7}{8}$	525	486	40 x 44	41 $\frac{7}{8}$ x 45 $\frac{7}{8}$	1443	1338
10 x 16	11 $\frac{7}{8}$ x 17 $\frac{7}{8}$	131	122	20 x 34	21 $\frac{7}{8}$ x 35 $\frac{7}{8}$	557	516	40 x 46	41 $\frac{7}{8}$ x 47 $\frac{7}{8}$	1509	1398
				20 x 36	21 $\frac{7}{8}$ x 37 $\frac{7}{8}$	590	547	40 x 48	41 $\frac{7}{8}$ x 49 $\frac{7}{8}$	1574	1459

Above Extreme Dimensions cannot be increased but may be reduced — with Flat Borders.

Extreme Dimension of No. 605 SANI-STEEL FACES and No. 603 SANI-STEEL REGISTER TOPS is 2 inches more each dimension than the Catalog Duct or Opening Size.

No. 605 Sani-Steel Faces and No. 603 Sani-Steel Register Tops have same percentage of Free Area as STYLE AA Grille or other Special Grille Designs shown under Grilles Page 48 of this catalog.



LIST PRICES of U. S. COLD-AIR FACES and REGISTER TOPS in Group 1 Finishes

For GROUP 2 Finishes—MULTIPLY LIST by Factor 1.12.

For GROUP 3 Finishes—MULTIPLY LIST by Factor 1.5.

For GROUP 4 Finishes—MULTIPLY LIST by Factor 2.

To Determine Complete Register List Prices add
Body Lists as on Page 37 to Register Top Lists on
This Page and Deduct 10%.

WIDTH, INCHES	LENGTH, INCHES												
	4 5 6	7 8	9	10	11 12	13 14	15	16	17 18	19 20	21 22	23 24	25 26
4	.70	.80	.85	.90	1.10	1.40	1.60	1.70	2.05	2.40	2.70	2.80	2.95
5	.70	.85	.90	.95	1.15	1.50	1.65	1.80	2.15	2.45	2.80	2.90	3.05
6	.80	.90	.95	1.00	1.20	1.55	1.70	1.90	2.20	2.50	2.85	3.00	3.10
7		.95	1.00	1.05	1.25	1.60	1.80	1.95	2.30	2.60	3.00	3.10	3.25
8		1.00	1.05	1.10	1.30	1.65	1.85	2.00	2.40	2.70	3.10	3.20	3.40
9			1.30	1.40	1.50	1.85	2.00	2.15	2.55	2.85	3.20	3.30	3.50
10				1.60	1.70	2.00	2.20	2.30	2.70	3.00	3.30	3.40	3.60
11-12					2.20	2.50	2.60	2.70	3.00	3.30	3.60	3.75	3.85
13-14						2.90	3.00	3.10	3.40	3.70	3.90	4.10	4.30
15-16							3.60	3.60	3.80	4.00	4.20	4.40	4.80
17-18									4.20	4.40	4.60	4.80	5.40
19-20										5.00	5.20	5.40	5.90
21-22											6.00	6.20	6.70
23-24												7.00	7.70
25-26													8.70

WIDTH, INCHES	LENGTH, INCHES													List per Lineal Inch Over 50" Lengths
	27	28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44	45 46	47 48	49 50	
4	3.10	3.10	3.20	3.80	4.10	4.30	4.55	4.80	5.05	5.30	5.50	5.75	6.00	.12
5	3.20	3.20	3.30	3.90	4.60	4.75	4.90	5.10	5.30	5.55	5.75	6.00	6.25	.125
6	3.30	3.30	3.40	4.00	4.70	4.90	5.10	5.30	5.50	5.75	6.00	6.25	6.50	.13
7	3.40	3.40	3.50	4.15	4.90	5.05	5.40	5.60	5.90	6.15	6.45	6.70	7.00	.14
8	3.50	3.50	3.60	4.30	5.10	5.20	5.70	6.00	6.30	6.60	6.90	7.20	7.50	.15
9	3.60	3.60	3.70	4.40	5.20	5.35	5.90	6.20	6.50	6.80	7.15	7.45	7.75	.155
10	3.70	3.70	3.75	4.50	5.30	5.50	6.40	6.60	6.95	7.25	7.60	7.90	8.25	.165
11-12	3.95	3.95	4.00	4.80	5.60	5.80	6.70	7.00	7.50	8.00	8.50	9.00	9.35	.187
13-14	4.50	4.50	4.60	5.40	6.30	6.50	7.40	7.70	8.20	9.00	9.50	10.00	10.40	.208
15-16	5.20	5.20	5.50	6.20	6.75	7.30	7.90	8.50	9.10	9.90	10.50	11.15	11.60	.232
17-18	5.60	5.80	6.10	6.75	7.60	8.00	8.60	9.20	10.00	11.00	11.70	12.50	13.00	.26
19-20	6.40	6.40	6.70	7.60	8.50	9.00	9.60	10.50	12.00	13.50	14.40	15.00	15.65	.313
21-22	7.30	7.30	7.70	8.70	9.80	10.50	11.60	12.30	14.00	15.50	17.00	17.75	18.50	.37
23-24	8.10	8.40	8.80	10.00	11.15	12.00	13.00	14.00	16.00	17.00	18.00	20.00	20.85	.417
25-26	8.90	9.60	10.20	11.30	12.50	13.60	15.00	16.50	18.90	19.80	20.70	21.60	22.50	.45
27	9.00	10.00	10.80	12.00	13.25	14.40	15.60	17.25	19.00	20.90	21.85	22.80	23.75	.475
28		10.80	11.40	12.70	14.00	15.20	17.10	18.00	20.00	22.00	23.00	24.00	25.00	.50
29-30			13.00	14.40	15.80	17.20	18.60	20.00	22.00	23.85	24.90	26.00	27.10	.542
31-32				15.00	16.00	17.50	19.50	21.50	23.50	24.00	26.00	27.50	29.00	.58
33-34					17.50	18.50	20.00	22.50	24.50	26.50	28.00	30.00	31.25	.625
35-36						20.00	23.00	26.00	27.00	29.00	30.50	32.00	33.35	.667
37-38							26.00	27.00	30.00	31.00	33.00	34.00	35.50	.71
39-40								28.00	31.50	33.00	34.00	35.50	37.00	.74
41-42									33.00	34.00	35.00	36.50	38.50	.77
43-44										35.00	36.50	38.00	39.60	.792

LIST PRICES PER LINEAL INCH OF LENGTH FOR SIZES OVER 44" WIDE

Width	Per Inch	Width	Per Inch	Width	Per Inch	Width	Per Inch	Width	Per Inch
45-46	.815	51-52	.90	57-58	1.04	63-64	1.16	69-70	1.30
47-48	.835	53-54	.95	59-60	1.08	65-66	1.20	71-72	1.35
49-50	.87	55-56	1.00	61-62	1.12	67-68	1.25	73-74	1.40

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes		Group-2-Finishes		Group-3-Finishes		Group-4-Finishes	
B.J.	Black Japan	L.B.A.B. Lac'd. Antique Brass		(Electroplated)		CH.	Chrome Plated
M.T.	Metalac	L.B.O.C. Lac'd. Oxidized Cop.		B.Br.	Brush Brass	S.B.B.	Sand Blast Brass
P.C.	Prime Coat	W.	White	M.Bz.	Medium Bronze	A.S.B.B.	Ant. Sand Brass
P.S.	Plain Steel	Oak	Medium Oak	S.Bz.	Statuary Bronze		
		I.V.	Ivory	Cad.	Cadmium		
		L.B.B.B. Lac'd. Brush Brass					



UNITED STATES REGISTER COMPANY

LIST PRICES of U. S. STEEL FLOOR REGISTER BODIES — All Sizes

(Meaning Floor Registers Less Faces)

To Determine Complete Register List Prices add Body List to Register Top Lists on page 36 and deduct 10%.

WIDTH, INCHES	LENGTH, INCHES												
	4 5 6	7 8	9	10	11 12	13 14	15	16	17 18	19 20	21 22	23 24	25 26
4	.80	.80	.80	.80	.80	1.10	1.30	1.50	1.85	2.25	2.60	3.00	3.40
5	.80	.80	.80	.80	.80	1.20	1.45	1.70	2.20	2.60	3.10	3.50	4.00
6	.80	.80	.80	.80	.80	1.30	1.60	1.90	2.40	3.00	3.50	4.00	4.60
7		.80	.80	.80	.85	1.50	1.80	2.10	2.80	3.50	4.20	4.85	5.50
8		.80	.80	.80	.85	1.60	2.00	2.30	3.20	4.00	4.80	5.60	6.40
9			.80	.85	.90	1.70	2.10	2.55	3.40	4.20	5.00	5.80	6.70
10				.90	.95	1.80	2.20	2.70	3.45	4.45	5.40	6.20	7.00
11-12					1.80	2.20	2.70	3.15	4.15	5.10	6.20	7.10	8.00
13-14						3.40	....	4.50	5.60	6.70	7.80	8.80	10.00
15-16							6.00	6.00	7.20	8.40	9.70	10.80	12.00
17-18									9.00	10.20	11.60	13.00	14.00
19-20										12.00	13.60	15.20	16.80
21-22											16.00	17.80	19.40
23-24												20.00	22.00
25-26													24.20

WIDTH, INCHES	LENGTH, INCHES													List per Lineal Inch Over 50" Lengths
	27	28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44	45 46	47 48	49 50	
4	3.80	3.80	4.20	4.60	5.00	5.40	5.80	4.20	6.60	7.00	7.40	7.80	8.20	.164
5	4.50	4.50	4.90	5.40	5.80	6.30	6.75	7.20	7.70	8.10	8.40	8.80	9.15	.183
6	5.20	5.20	5.75	6.25	6.80	7.30	7.90	8.40	9.00	9.40	9.90	10.40	10.80	.215
7	6.20	6.20	6.90	7.60	8.30	9.00	9.70	10.40	11.10	11.80	12.50	13.20	13.90	.278
8	7.20	7.20	8.00	8.80	9.60	10.40	11.20	12.00	12.80	13.60	14.40	15.20	16.00	.32
9	7.50	7.50	8.40	9.20	10.10	10.90	11.70	12.50	13.30	14.20	15.10	16.00	16.90	.338
10	7.90	7.90	8.80	9.70	10.50	11.40	12.30	13.10	14.00	14.90	15.80	16.70	17.60	.352
11-12	9.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	18.50	20.00	.40
13-14	11.00	11.00	12.00	13.20	14.25	15.30	16.35	17.40	18.40	19.50	20.50	21.50	22.60	.452
15-16	13.20	13.20	14.40	15.60	16.80	18.00	19.20	20.30	21.50	22.70	24.00	25.20	26.40	.528
17-18	15.00	15.60	17.00	18.30	19.70	21.00	22.35	23.70	24.00	25.50	27.00	29.00	31.00	.62
19-20	18.50	18.50	20.00	21.60	23.20	24.80	26.30	27.80	29.30	30.80	32.30	33.70	35.20	.704
21-22	21.20	21.20	23.00	24.70	26.30	28.00	29.70	31.30	33.00	34.70	36.00	37.70	39.40	.788
23-24	23.00	24.00	25.80	27.50	29.30	30.90	32.70	34.20	35.80	37.60	38.50	40.70	42.50	.85
25-26	26.00	26.00	28.00	29.60	31.40	33.20	35.00	36.80	38.60	40.40	42.20	44.00	45.80	.916
27	27.00	27.80	28.40	30.30	32.20	34.10	36.00	37.90	39.80	41.70	43.60	45.50	47.40	.948
28		28.00	30.00	31.90	33.80	35.70	37.60	39.30	41.20	43.10	45.00	46.90	48.80	.976
29-30			32.70	34.60	36.50	38.40	40.20	42.00	44.00	46.00	48.00	49.80	52.00	1.04
31-32				37.20	39.00	41.00	43.00	45.00	47.00	49.00	51.00	53.00	55.00	1.10
33-34					42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00	1.16
35-36						47.00	49.00	51.00	53.00	55.00	57.00	59.00	61.00	1.22
37-38							....	....	56.00	58.00	60.00	62.00	64.00	1.28
39-40								53.60	56.30	58.95	61.65	64.30	67.00	1.34
41-42									58.80	61.60	64.40	67.20	70.00	1.40
43-44										64.25	67.15	70.10	73.00	1.46

LIST PRICES PER LINEAL INCH OF LENGTH FOR SIZES OVER 44" WIDE

Width	Per Inch	Width	Per Inch	Width	Per Inch	Width	Per Inch	Width	Per Inch
45-46	1.52	51-52	1.70	57-58	1.88	63-64	2.06	69-70	2.24
47-48	1.58	53-54	1.76	59-60	1.94	65-66	2.12	71-72	2.30
49-50	1.64	55-56	1.82	61-62	2.00	67-68	2.18	73-74	2.36

Abbreviations of Standard Finishes of Groups 1 - 2 - 3 - 4.

Group-1-Finishes

B.J. Black Japan
M.T. Metalac
P.C. Prime Coat
P.S. Plain Steel

Group-2-Finishes

L.B.A.B. Lac'd. Antique Brass
L.B.O.C. Lac'd. Oxidized Cop.
W. White
Oak Medium Oak
I.V. Ivory
L.B.B.B. Lac'd. Brush Brass

Group-3-Finishes

(Electroplated)
B.Br. Brush Brass
M.Bz. Medium Bronze
S.Bz. Statuary Bronze
Cad. Cadmium

Group-4-Finishes

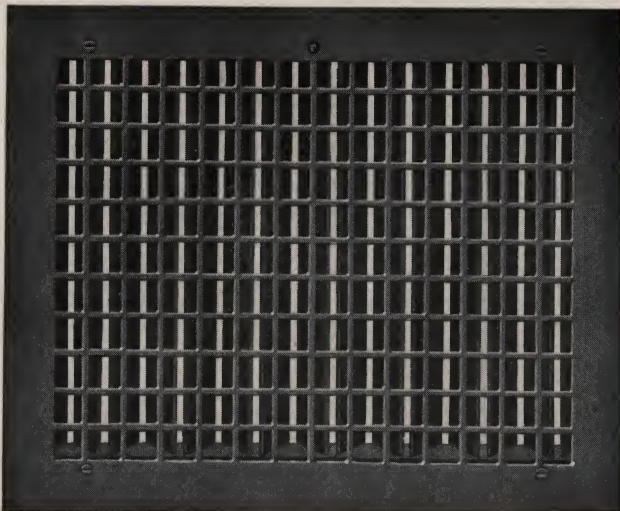
CH. Chrome Plated
S.B.B. Sand Blast Brass
A.S.B.B. Ant. Sand Brass

UNITED STATES REGISTER COMPANY

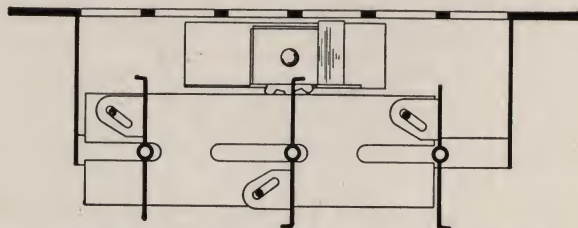


No. 610 U. S. Governair (Volume Air-Controlling) Registers Key Operated

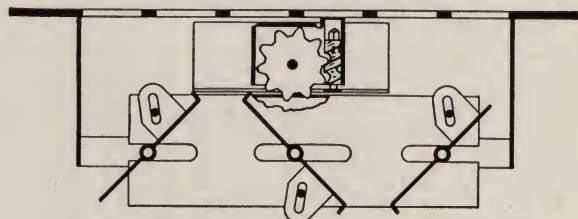
Direct Flow and Air-Controlling (Faces of Perforated Steel Style AA $13/16$ " Square Mesh $3/16$ " Bars). Perfect, Positive and Permanent. Renders Positive Air-Control.



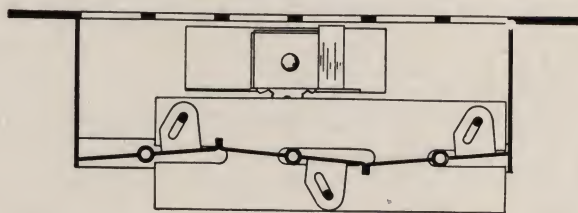
Cross-section views of governair register showing positions of louvers — Open — Half Open and Closed. The positive positioning of louvers permits no deflection of air currents.



Shows U. S. Governair Register with air-controlling louvers opened to full capacity of register.



Shows U. S. Governair Register with air-controlling louvers set to half capacity of register.



(Patented)
Shows U. S. Governair Register with air-controlling louvers closed.

All U. S. Governair Registers are key-operated and when louvers are set in desired position are held fast and permanently in that position by operative lock mechanism.
Louvers can be adjusted to any angle.

U. S. Governair Registers can also be furnished in any plated Finishes for which prices are furnished on application.

List Prices of Black Japanned, Prime coat and Plain Finishes

Width and Height	List Price	Width and Height	List Price	Width and Height	List Price
6 x 6	\$3.80	22 x 6	\$9.85	30 x 6	\$12.95
8 x 6	4.00	22 x 8	11.45	30 x 8	15.50
8 x 8	3.95	22 x 10	12.40	30 x 10	16.35
10 x 6	4.10	22 x 12	13.60	30 x 12	17.90
10 x 8	4.20	22 x 14	15.50	30 x 14	20.55
10 x 10	5.10	22 x 16	17.65	30 x 16	23.75
12 x 6	4.35	22 x 18	20.25	30 x 18	27.30
12 x 8	4.50	22 x 20	22.65	30 x 20	31.30
12 x 10	5.15	22 x 22	26.45	30 x 22	35.90
12 x 12	6.80	24 x 6	10.65	30 x 24	40.75
14 x 6	5.50	24 x 8	12.45	30 x 26	44.35
14 x 8	6.00	24 x 10	13.35	30 x 28	46.55
14 x 10	6.45	24 x 12	14.95	30 x 30	52.10
14 x 12	7.80	24 x 14	16.75	32 x 6	14.35
14 x 14	9.40	24 x 16	19.00	32 x 8	17.45
16 x 6	6.75	24 x 18	21.35	32 x 10	18.45
16 x 8	7.15	24 x 20	24.55	32 x 12	20.10
16 x 10	7.90	24 x 22	28.45	32 x 14	22.45
16 x 12	8.95	24 x 24	31.90	32 x 16	26.20
16 x 14	10.90	26 x 6	11.50	32 x 18	29.70
16 x 16	13.30	26 x 8	13.50	32 x 20	34.45
18 x 6	7.80	26 x 10	14.40	32 x 22	39.40
18 x 8	9.00	26 x 12	15.75	32 x 24	44.40
18 x 10	9.35	26 x 14	18.15	32 x 26	46.05
18 x 12	10.60	26 x 16	20.85	32 x 28	50.55
18 x 14	12.60	26 x 18	23.90	32 x 30	56.10
18 x 16	14.70	26 x 20	26.90	32 x 32	59.50
18 x 18	17.15	26 x 22	30.90	36 x 6	17.25
20 x 6	8.80	26 x 24	35.20	36 x 8	20.95
20 x 8	10.05	26 x 26	38.25	36 x 10	22.20
20 x 10	10.85	28 x 6	12.20	36 x 12	23.55
20 x 12	12.05	28 x 8	14.60	36 x 14	26.35
20 x 14	14.00	28 x 10	15.35	36 x 16	30.40
20 x 16	16.10	28 x 12	16.85	36 x 18	34.45
20 x 18	18.60	28 x 14	19.40	36 x 20	40.00
20 x 20	21.40	28 x 16	22.25	36 x 22	45.70
		28 x 18	25.55	36 x 24	49.50
		28 x 20	29.35	36 x 26	53.25
		28 x 22	33.55	36 x 28	58.35
		28 x 24	38.30	36 x 30	64.60
		28 x 26	41.45	36 x 32	68.05
		28 x 28	45.25	36 x 36	75.75

To ascertain volume in C. F. M. multiply the actual opening of register face by the velocity of the air per minute in feet. This is based on $13/16$ in. square mesh design. U. S. Governair Registers are made in square lattice design and are so listed. Other special perforated designs quoted on application.

The Louvers Operate in Pairs—Toward Each Other delivering full capacity or Straight Ribbon Air Streams of desired volume determined by key operation and setting.

U. S. Governair REGISTERS are designed for Balanced AIR-CONDITIONED Installations where Positive Control and Straight Flow of Air is required.

Fronts or Faces are made of Heavy Gauge Perforated Metal and in Standard Square Lattice Designs unless otherwise specified.

Prices on Solid Brass or Bronze Face Registers or Plated Finishes will be furnished on application.

Furnished also in Special Grille Designs. Prices on application.



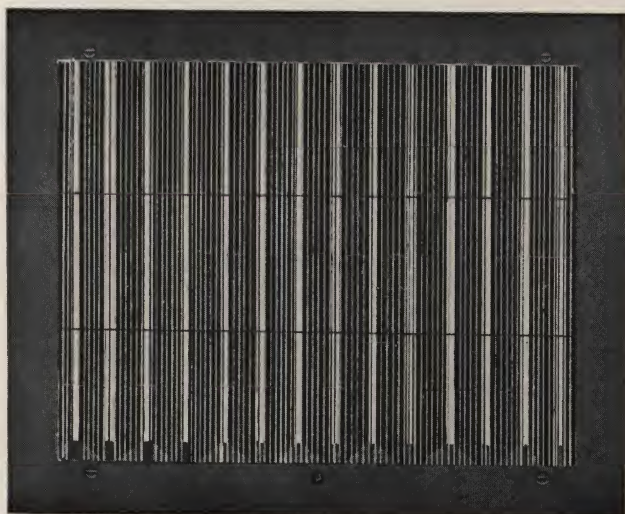
UNITED STATES REGISTER COMPANY

No. 678 U. S. Governair (Air-Controlling) Registers with 178 Louver-Type Grilles

With Grille-Bars Fixed for Straight Flow. May be furnished for Directional Flow.

No. 649 U. S. Governair (Air-Controlling) Registers with 1149 Adjustable-Bar Grilles

Specify Wide and High Dimensions — Style No. and Finish.



(Patented)

Equipped with a Perfect Key-Operation that makes a Positive Setting of Valves

Standard Width of Borders is 1½ inches. Extreme Depth of Register Body, Valves Open, sizes up to 18x30 inclusive is 3 inches. Extreme Depth of Register Body, Valves Open, sizes 20 inches, either dimension is 4 inches. Gives Straight Flow of Controlled-Air which permits balancing of system at the Register and eliminates Volume Dampers, Diffusers, etc.

Standard Production—Valves and Grille-Bars are Parallel with Short Dimension.

If other arrangement of Valves and Grille-Bars are needed advise definitely which direction the valves and Grille-Bars should set.

The Newly Developed Valve Arrangement insures tight closing. Even Straight Ribbon Air-Flow through Valves when partially open and full even Straight-Flow when completely opened.

LIST PRICES OF U. S. GOVERNAIR REGISTERS STYLE NOS. 678 and 649. Group 1—Finishes

PRIME COAT, BLACK JAPAN, METALAC and PLAIN STEEL FINISHES.

Other Finishes on Application.

Duct Size Wide x High	No. 678	No. 649	Duct Size Wide x High	No. 678	No. 649	Duct Size Wide x High	No. 678	No. 649	Duct Size Wide x High	No. 678	No. 649
6 x 6	\$ 5.60	\$ 6.15	20 x 6	\$10.45	\$11.30	26 x 14	\$20.80	\$22.30	32 x 6	\$16.20	\$17.45
8 x 6	5.75	6.30	20 x 8	12.00	13.00	26 x 16	23.85	25.55	32 x 8	19.65	21.00
8 x 8	5.85	6.45	20 x 10	12.90	14.00	26 x 18	27.80	29.90	32 x 10	20.95	22.45
10 x 6	5.85	6.40	20 x 12	14.05	15.20	26 x 20	31.05	33.30	32 x 12	22.90	24.55
10 x 8	6.00	6.60	20 x 14	16.10	17.35	26 x 22	35.10	37.50	32 x 14	26.20	28.30
10 x 10	6.75	7.45	20 x 16	18.55	19.95	26 x 24	39.45	42.05	32 x 16	29.95	32.20
12 x 6	6.10	6.70	20 x 18	21.20	22.70	26 x 26	42.25	45.00	32 x 18	34.00	36.50
12 x 8	6.30	6.95	20 x 20	24.05	25.65	28 x 6	14.10	15.20	32 x 20	38.85	41.50
12 x 10	7.00	7.80	22 x 6	11.35	12.25	28 x 8	16.80	18.00	32 x 22	43.85	46.70
12 x 12	8.60	9.50	22 x 8	13.30	14.35	28 x 10	18.00	19.40	32 x 24	48.80	51.90
14 x 6	7.15	7.80	22 x 10	14.45	15.60	28 x 12	19.70	21.20	32 x 26	52.10	56.20
14 x 8	7.70	8.40	22 x 12	15.75	17.00	28 x 14	22.30	23.90	32 x 28	56.50	60.90
14 x 10	8.40	9.30	22 x 14	17.70	19.00	28 x 16	25.85	27.85	32 x 30	61.60	66.20
14 x 12	9.55	10.50	22 x 16	20.35	21.85	28 x 18	29.50	31.70	32 x 32	65.45	70.30
14 x 14	11.25	12.30	22 x 18	23.15	24.75	28 x 20	33.65	36.05	36 x 6	18.80	20.15
16 x 6	8.30	9.00	22 x 20	26.30	28.30	28 x 22	38.00	40.60	36 x 8	22.90	24.35
16 x 8	8.95	9.75	22 x 22	30.15	32.30	28 x 24	42.60	45.35	36 x 10	24.55	26.20
16 x 10	9.85	10.80	24 x 6	12.30	13.25	28 x 26	45.45	48.40	36 x 12	27.00	29.10
16 x 12	10.95	12.00	24 x 8	14.50	15.60	28 x 28	49.20	52.40	36 x 14	30.00	32.30
16 x 14	12.75	13.85	24 x 10	15.55	16.75	30 x 6	15.00	16.15	36 x 16	34.20	36.70
16 x 16	15.15	16.30	24 x 12	17.25	18.55	30 x 8	18.00	19.30	36 x 18	38.70	41.45
18 x 6	9.35	10.10	24 x 14	19.15	20.55	30 x 10	19.25	20.70	36 x 20	44.30	47.20
18 x 8	10.85	11.75	24 x 16	21.95	23.55	30 x 12	21.00	22.55	36 x 22	50.00	53.20
18 x 10	11.30	12.35	24 x 18	25.10	27.05	30 x 14	23.60	25.25	36 x 24	55.65	59.90
18 x 12	12.50	13.60	24 x 20	28.50	30.60	30 x 16	27.65	29.80	36 x 26	59.05	63.60
18 x 14	14.45	15.55	24 x 22	32.60	34.90	30 x 18	31.60	33.95	36 x 28	63.85	68.65
18 x 16	16.80	18.05	24 x 24	36.20	38.70	30 x 20	35.85	38.35	36 x 30	69.35	74.35
18 x 18	19.50	20.90	26 x 6	13.25	14.25	30 x 22	40.65	43.40	36 x 32	74.25	79.75
			26 x 8	15.70	16.90	30 x 24	45.30	48.20	36 x 36	83.10	89.60
			26 x 10	16.80	18.10	30 x 26	48.55	51.65			
			26 x 12	18.30	19.70	30 x 28	52.65	56.80			
						30 x 30	57.70	62.00			

UNITED STATES REGISTER COMPANY



U. S. Aluminum Back Pressure Dampers

LIST PRICES



Shows rear view of U. S. Aluminum Back Pressure Damper. Can be attached to or used with U. S. Steel Grilles, Steel Faces or Wire Screens. Damper louvers are die-cut from light, strong aluminum. Always specify by size of duct or opening in which the damper frame fits. The frames are built to fit flush or inside of the duct opening.



Ideal for Garage Ventilation and small Duct Outlets.

Furnished with one row of Louvers up to 18 inches wide.

Carried in stock in 6 and 8 inch Heights and 10, 12 and 14 inch Widths and only in the Popular Style 60 to set Flush in Duct or Frame-Work.

ALWAYS DESIGNATE WIDTH and HEIGHT.

When ordering Aluminum Back Pressure Dampers the first dimension represents width of wall or duct opening and the second dimension represents the height.

To be safe—specify WHICH DIMENSION IS WIDTH AND WHICH DIMENSION is height, i.e., 20 inches wide by 30 inches high.

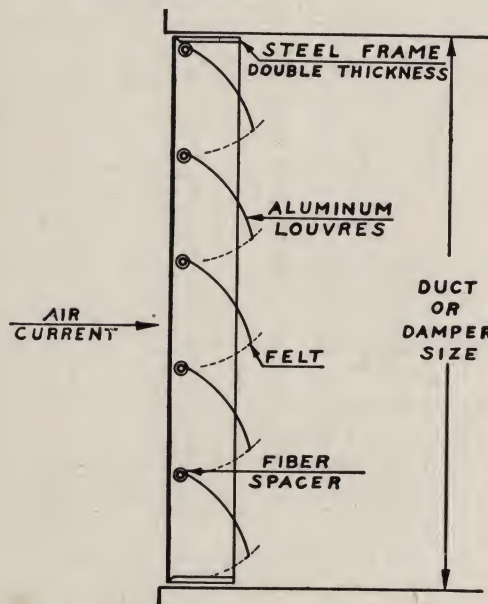
Duct Size	Amt.	Duct Size	Amt.	Duct Size	Amt.
6 x 10	\$4.60	14 x 24	\$12.00	24 x 24	\$25.36
6 x 12	5.40	14 x 26	13.35	24 x 26	27.33
6 x 14	5.70	14 x 28	14.35	24 x 28	28.67
6 x 16	6.00	14 x 30	16.00	24 x 30	31.68
6 x 18	6.55	16 x 16	13.20	24 x 32	33.67
6 x 20	6.80	16 x 18	14.55	24 x 34	34.50
6 x 22	7.45	16 x 20	15.65	24 x 36	38.41
6 x 24	7.80	16 x 22	17.00	24 x 38	38.80
8 x 8	5.50	16 x 24	18.96	24 x 40	41.20
8 x 10	5.80	16 x 26	21.30	24 x 42	41.32
8 x 12	6.60	16 x 28	22.70	24 x 44	42.69
8 x 14	6.93	16 x 30	24.96	24 x 46	45.35
8 x 16	7.20	16 x 32	25.16	24 x 48	48.96
8 x 18	7.73	16 x 36	25.36	26 x 26	27.70
8 x 20	8.00	18 x 18	15.56	26 x 28	29.33
8 x 22	8.62	18 x 20	17.28	26 x 30	32.21
8 x 24	9.00	18 x 22	18.67	26 x 36	40.70
8 x 26	10.00	18 x 24	20.72	26 x 42	49.17
8 x 28	11.33	18 x 26	22.05	26 x 48	51.65
8 x 30	12.00	18 x 28	23.50	28 x 28	32.00
10 x 10	6.60	18 x 30	25.92	28 x 30	34.88
10 x 12	6.80	18 x 32	27.25	28 x 32	37.54
10 x 14	7.33	18 x 34	28.59	28 x 34	40.21
10 x 16	7.80	18 x 36	31.95	28 x 36	41.32
10 x 18	8.33	18 x 48	37.44	28 x 38	44.00
10 x 20	9.00	20 x 20	19.20	28 x 40	46.67
10 x 22	10.00	20 x 22	20.55	28 x 42	51.84
10 x 24	10.40	20 x 24	22.04	28 x 48	54.32
10 x 26	11.33	20 x 26	24.37	30 x 30	41.04
10 x 28	12.67	20 x 28	25.71	30 x 32	43.70
10 x 30	14.00	20 x 30	28.80	30 x 34	46.37
12 x 12	7.20	20 x 32	30.13	30 x 36	49.58
12 x 14	8.00	20 x 34	31.47	30 x 40	52.24
12 x 16	8.60	20 x 36	34.56	30 x 42	54.72
12 x 18	8.90	20 x 40	40.00	30 x 44	57.38
12 x 20	10.00	20 x 48	42.08	30 x 46	60.00
12 x 22	10.35	22 x 22	23.24	30 x 48	66.96
12 x 24	10.80	22 x 24	24.36	36 x 36	54.45
12 x 26	12.00	22 x 26	26.69	36 x 42	63.84
12 x 28	13.35	22 x 28	28.03	36 x 48	72.56
12 x 30	14.30	22 x 30	30.68	42 x 42	80.64
14 x 14	8.60	22 x 32	33.00	42 x 48	85.68
14 x 16	8.90	22 x 34	34.25	48 x 48	87.00
14 x 18	9.35	22 x 36	38.00		
14 x 20	10.40	22 x 40	40.70		
14 x 22	11.33	22 x 48	45.12		

Always specify width and height dimensions.

U. S. ALUMINUM BACK-PRESSURE DAMPERS ARE MADE IN THREE STYLES

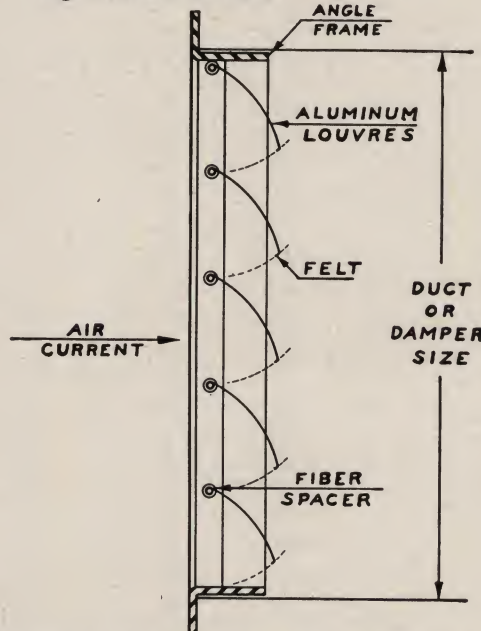
STYLE 60

Made with double thickness Band Steel Frame to be attached to Face, Grille or Wire Screen or sets inside of duct or opening.



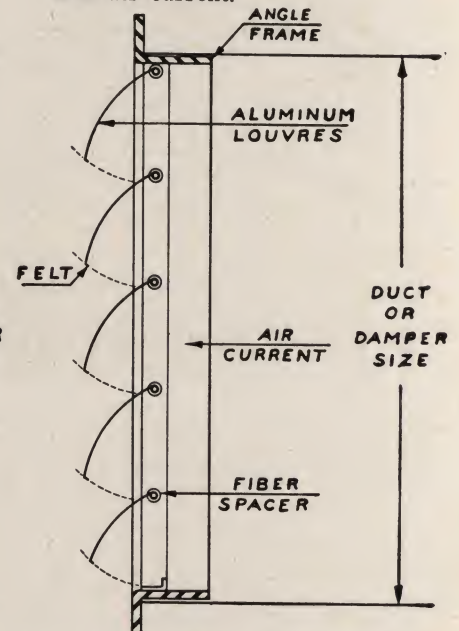
STYLE 70

Made with Angle Frame that overlaps opening $\frac{3}{4}$ inch. Louvers swing into duct or opening with air current.



STYLE 80

Made with Angle Frame that overlaps opening $\frac{3}{4}$ inch. Louvers swing outward from duct with air current.



U. S. ALUMINUM BACK PRESSURE DAMPERS are MADE SPECIAL TO ORDER and CANNOT BE RETURNED FOR CREDIT. Specify by Duct or Wall Opening size and width and height.

If Aluminum at any time is not obtainable we reserve the right to refuse orders involving the use of Aluminum and supply a practical substitution.



UNITED STATES REGISTER COMPANY

No. 680 U. S. OUTSIDE INTAKE VENTILATORS

(Made of Heavy Gauge Steel)



Front View



Sectional View

U. S. OUTSIDE INTAKE VENTILATORS are made of Heavy Gauge Steel to withstand many years of exposure to the elements. Are adaptable as outside fresh air intakes for Air-Conditioning and Ventilating Systems.

The Shutters are stationary and set at a fixed angle that admits Fresh Air Entrance, but prevents rain and snow from entering.

Louvers are set in angle frame which may be furnished drilled for attaching to wall when so specified — otherwise are furnished with frames not drilled.

Always when ordering designate HEIGHT and WIDTH. Orders cannot be filled without this definite information. Also be sure to order by size of wall opening.

LIST PRICES of No. 680 U. S. Outside Intake Ventilators — Black or Prime Coat Finish

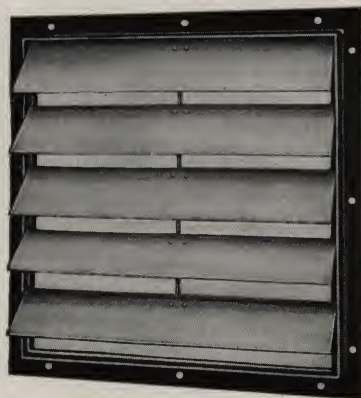
Size	List	Size	List	Size	List	Size	List
10 x 6	\$ 3.70	14 x 14	\$ 9.75	20 x 14	\$11.80	30 x 8	\$10.10
10 x 8	4.80	16 x 6	5.35	20 x 16	13.30	30 x 10	12.35
10 x 10	6.00	16 x 8	6.60	20 x 18	14.75	30 x 12	14.65
12 x 8	5.45	16 x 9	7.25	20 x 20	16.15	30 x 16	19.15
12 x 9	6.05	16 x 10	7.90	24 x 8	8.70	30 x 20	23.80
12 x 10	6.60	16 x 12	9.20	24 x 10	10.50	30 x 24	28.35
12 x 12	7.80	16 x 14	10.45	24 x 12	12.30	36 x 8	11.15
14 x 6	4.80	16 x 16	11.75	24 x 14	14.20	36 x 10	13.75
14 x 8	6.05	20 x 6	6.10	24 x 16	16.00	36 x 12	16.35
14 x 9	6.65	20 x 8	7.50	24 x 18	17.80	36 x 16	21.55
14 x 10	7.30	20 x 10	8.95	24 x 20	19.65	36 x 20	26.75
14 x 12	8.55	20 x 12	10.40	24 x 24	23.00	36 x 24	32.15

May also be backed with Copper Wire Insect Screen at slight extra cost. Also galvanized screen or black wire-cloth. Specify mesh of screen required. Lighter Gauges for Attic Ventilation quoted on application.

U. S. Aluminum Exhaust-Fan Dampers



Front View



Rear View

U. S. Aluminum Exhaust-Fan Dampers have louvers made of light strong, sheet aluminum. Each louver is die-stamped creating perfect uniformity and spaced with fiber washers thereby affording smooth, noiseless operation.

Louvers are suspended in Angle Iron Frames, which frames are drilled for attaching to wall or duct. All louvers operate in unison by an equalizing bar which keeps all louvers equidistant when fan is operating and when fan is stopped louvers close automatically and tightly.

NOTE: U. S. Aluminum Exhaust-Fan Dampers operate to open by fan pressure and must not be confused with Back Pressure Dampers.

If Aluminum at any time is not obtainable we reserve the right to refuse orders involving the use of Aluminum and to offer a practical substitution.

List Prices of Standard Sizes U. S. Exhaust-Fan Dampers

10 x 10	\$14.00
12 x 12	16.00
14 x 14	17.00
16 x 16	18.00
18 x 18	19.40
20 x 20	24.00
24 x 24	26.80
28 x 28	33.20
30 x 30	43.20
34 x 34	50.40
36 x 36	66.00
40 x 40	72.00
42 x 42	75.20
44 x 44	79.60
48 x 48	88.00
50 x 50	97.40

Order by size of duct or wall opening.

List Prices on special sizes will be furnished on application. Frames of exhaust-fan dampers are made in prime coat finish unless otherwise ordered.

U. S. Exhaust-Fan Dampers are made special to order and not carried in stock — THEREFORE CANNOT BE RETURNED FOR CREDIT.

UNITED STATES REGISTER COMPANY



U. S. PERFORATED METAL GRILLES

When ordering U. S. Flat Metal Grilles Observe Carefully the SPECIFICATION DATA on this page and before mailing order read carefully and see if all important points are covered:

QUANTITY.

SIZE (OVERALL AND DAYLIGHT OPENING).

GAUGE OF METAL (U. S. Standard for Steel — B. & S. for Bronzes, Brass, etc.).

KIND OF METAL (State if Steel, USCO Bronze, Brass or Aluminum).

DESIGN (Give Style Letter).

FINISH (Plain, Prime Coat, Black Japan, Copper, Brass, Nickel, Bronze Plated or Chrome Plated).

If Plated, state if finished on both sides.

If USCO Bronze, Brass, etc., state if Natural Finish or if Grilles should be Polished and Lacquered, or Plated and if Plated designate plated finish required.

To prevent possible error we emphasize the comparative difference between U. S. Standard Metal Gauge (used on Flat Steel Grilles) and B. & S. Metal Gauge (used on USCO Bronze, Commercial Bronze, Brass, Copper and Aluminum Grilles). See table below.

IMPORTANT — Note carefully the following table:

Gauge No.	U. S. Standard Gauge Use this Gauge for Flat Steel Grilles In Decimals of an Inch	Brown & Sharp Gauge (B. & S.) Use this Gauge for Bronze, Brass, Etc.	Fractions of an inch with Decimal Equivalents
8	.172	.129	$\frac{3}{16}$ — .187
10	.141	.102	$\frac{7}{32}$ — .219
12	.109	.081	$\frac{1}{4}$ — .250
14	.078	.064	$\frac{5}{16}$ — .312
16	.063	.051	$\frac{3}{8}$ — .375
18	.050	.040	$\frac{7}{16}$ — .437

FLAT METAL GRILLES are STRONGER and finish more beautifully than Cast Iron. Are also perfectly level, thus more easily installed. Save both transportation charges and labor expense. Are guaranteed against breakage.

Made with the FINEST PRECISION EQUIPMENT in the GRILLE INDUSTRY.

Prices quoted on submission of definite specifications.

U. S. Perforated Metal Grilles are made Special to Order and Cannot be Returned for Credit, nor may orders be cancelled or changed after production has been started.

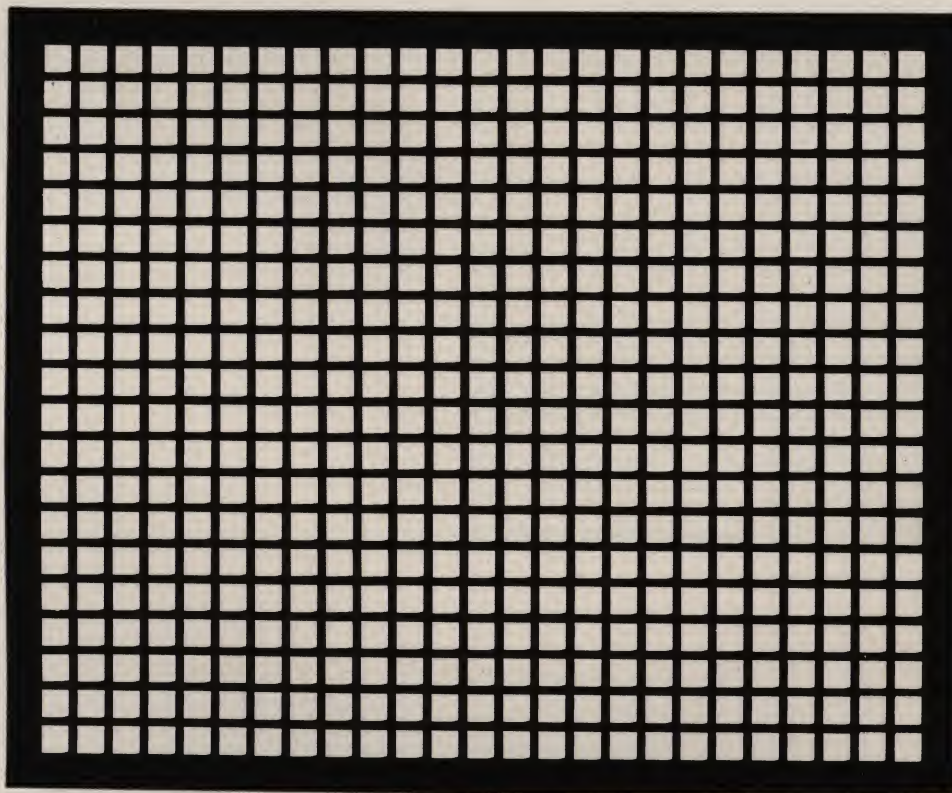


UNITED STATES REGISTER COMPANY

U. S. PERFORATED METAL GRILLES — Square Mesh Designs

Featuring STYLE AA— $\frac{1}{8}$ " Square Mesh, $\frac{3}{16}$ " Bars. MOST POPULAR of Square Mesh Designs as it works out most practically to Duct Sizes on account of Size of Mesh plus Fretwork or Bar is AN EVEN INCH and covers Duct Sizes most perfectly of any Square Mesh Design and with Maximum Free Area.

STYLE AA DESIGN



STYLE AA— $\frac{1}{8}$ " Square Mesh, $\frac{3}{16}$ " Bridges.

STYLE B— $\frac{3}{4}$ " Square Mesh, $\frac{1}{4}$ " Bridges.

STYLE A— $\frac{7}{8}$ " Square Mesh, $\frac{1}{4}$ " Bridges.

STYLE C— $\frac{1}{2}$ " Square Mesh, $\frac{3}{16}$ " Bridges.

Also made of USCO BRONZE, Commercial Bronze, Brass, etc.

See Table for Exact Daylight Openings on page 50.

Style AA furnishes 69% Free Air Opening.

U. S. Standard Gauge applies on Steel Grilles.

Style A furnishes 61% Free Air Opening.

Style B furnishes 57% Free Air Opening.

Style C furnishes 53% Free Air Opening.

In taking off Specifications give EXTREME and DAYLIGHT DIMENSIONS.

B. & S. Gauge applies on USCO Bronze and Non-Ferrous Metals.

In the Square Lattice Designs, the Style AA has been most popular as it can be produced to exact dimensions of Daylight Sizes.

U. S. FLAT STEEL GRILLES can be made to fit curved surfaces, arched locations, corners and almost any irregular positions. Careful detail must be given in specifying these special grilles.

Further Technical Data given on pages 48 and 50.

DESIGNATE by OVERALL and DUCT DIMENSIONS.

UNITED STATES REGISTER COMPANY



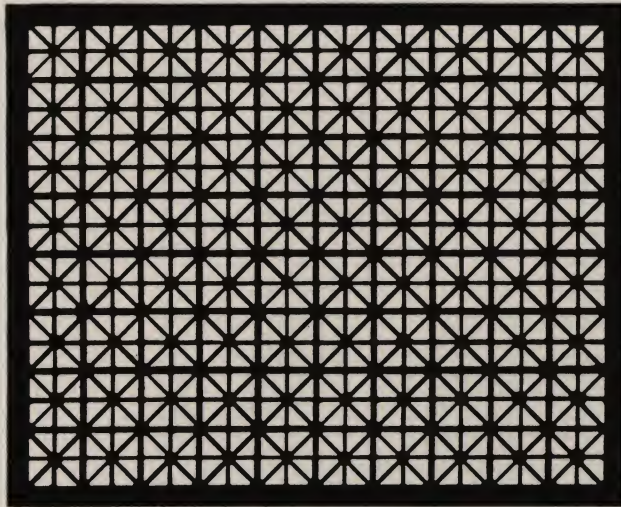
U. S. PERFORATED METAL GRILLES — Special Designs

U. S. FLAT STEEL GRILLES

STYLES D AND E — "UNION JACK" PATTERN

Specify Finish and Gauge of Metal

Specify Design and Size of Basic Squares by Style Letter



Styles "D" and "E"

Further Technical Data given on page 48.

STYLE D—3" Basic Square.

STYLE E—3½" Basic Square.

Also made in USCO Bronze and Non-Ferrous Metals.

Specify by Extreme and Daylight Size.

U. S. Standard Gauge applies to Steel Grilles.

B. & S. Gauge applies to USCO Bronze and Non-Ferrous Metal Grilles.

See Table of Daylight
Openings on Page 52.

STYLE J — SHELL PATTERN

Specify Finish and Gauge of Metal and Design by Style Letter

Bars are $\frac{3}{8}$ " in width.

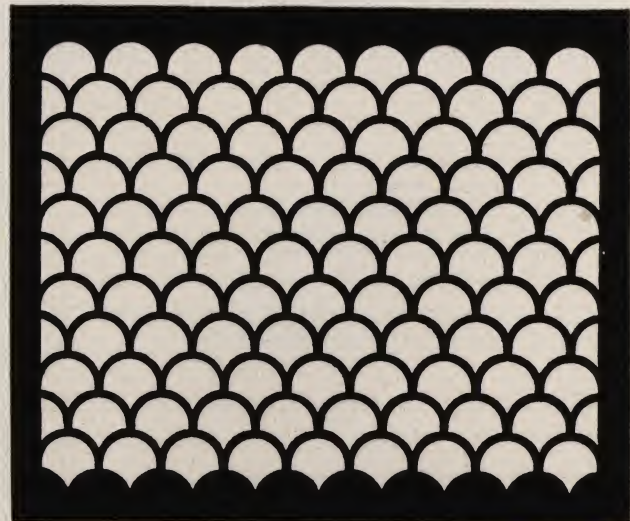
Free Air Opening is 69%.

When specifying designate WHICH DIMENSION is HORIZONTAL and WHICH is VERTICAL.

Give Extreme Dimension also Daylight or Duct Opening.

U. S. Standard Gauge applies to Steel Grilles.

B. & S. Gauge applies to USCO Bronze or other Non-Ferrous Metal Grilles.



Style "J"

Grilles can be made in one piece up to 54" wide. Grilles over 54" wide must be in sections and butted. Further Technical Data given on page 48. See table of Daylight Openings on page 51.

Designate by Overall and Duct Dimensions.



UNITED STATES REGISTER COMPANY

U. S. PERFORATED METAL GRILLES — Special Designs

STYLE K (BISECTED SHELL PATTERN)

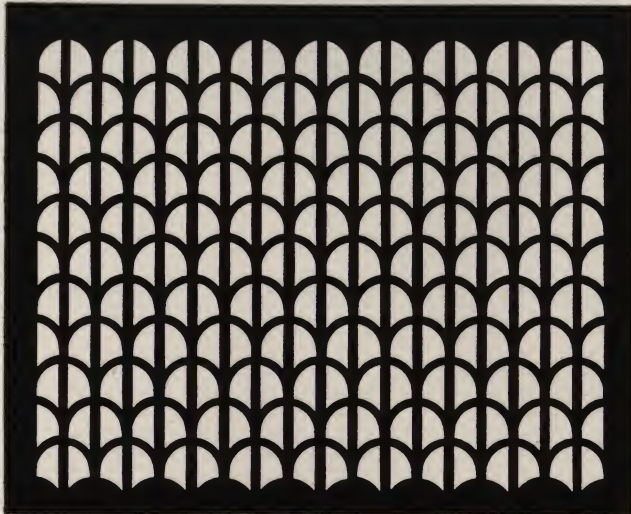
Specify Finish and Gauge of Metal

Specify Design by Style Letter

Also made of USCO BRONZE and other Non-Ferrous Metals

For Further Technical Data refer to page 48.

IMPORTANT.—Style Design cannot be made to an exact Daylight Size. Specify size nearest to fit or cover opening required.



STYLE K

For Further Technical Data see page 48.

In specifying Style K Grilles state definitely which Dimension is Horizontal and which is Vertical.

Always give EXTREME as well as DAYLIGHT or DUCT SIZES.

U. S. STANDARD GAUGE applies to Steel Grilles.

B. & S. GAUGE applies to USCO Bronze and other Non-Ferrous Metals.

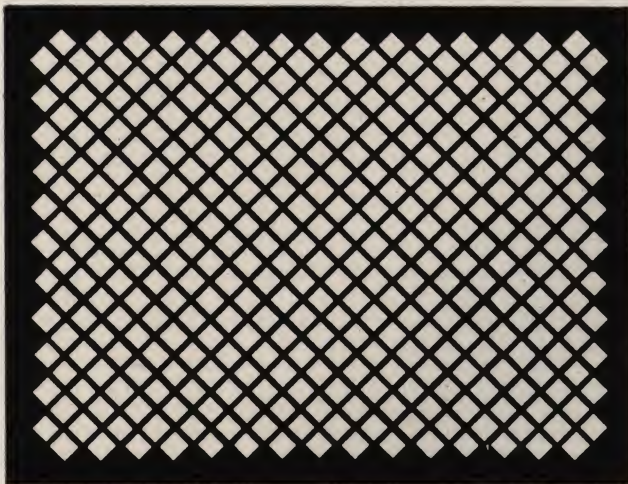
See Table of Daylight Openings on page 51.

U. S. STEEL GRILLES

DIAGONAL SQUARE DESIGN

Specify Size of Mesh, Design, Finish and Gauge of Metal

Specify Mesh and Design by Style Letter



For Further Technical Data see page 48.

Designate by Overall and Duct Dimensions.

STYLE FF— $\frac{1\frac{1}{8}}{16}$ " Square Mesh, $\frac{3}{16}$ " Bridges.

STYLE F— $\frac{7}{8}$ " Square Mesh, $\frac{1}{4}$ " Bridges.

STYLE G— $\frac{3}{4}$ " Square Mesh, $\frac{1}{4}$ " Bridges.

STYLE H— $\frac{1}{2}$ " Square Mesh, $\frac{3}{16}$ " Bridges.

Also made of USCO Bronze and other Non-Ferrous Metals.

Give Extreme and Daylight Sizes when Specifying.

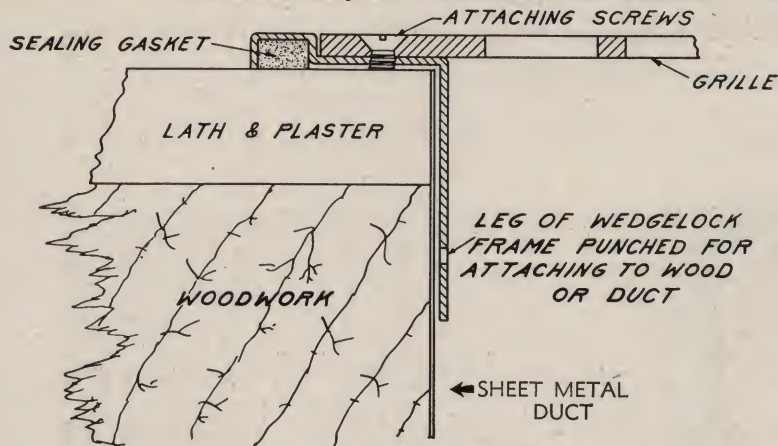
U. S. Standard Gauge applies to Steel Grilles.

B. & S. Gauge applies to Non-Ferrous Metal Grilles.

See Table of Daylight Openings on page 52.

No. 51 U. S. (OUTSIDE) FRAMES for FLAT STEEL GRILLES

Simplifies the Frame Problem — May Be Installed After Wall Surface is Finished — Also Serves as Plaster Ground — Grille May Be Readily Removed Without Disturbing Plaster or Wall Finish — FRAMES May Be Furnished With Gaskets — DEFINITELY PREVENT LEAKAGE



The No. 51 U. S. Frame is a ROLL-FORMED PRODUCT which is a great feature of ECONOMY to Installers and Manufacturers of Perforated Grilles.

The Grilles set inside of Outer Border of Frames and attach to Face of Frames with Flat Head or Round Head Screws as required. This saves the annoyance and Expense of Heavy Angle Frames. Saves time and trouble in setting. Eliminates Outside Border Strips or Plaster Stops where required.

An assured Perfection of attaching of Grilles to Frames is guaranteed as our Policy is to ship No. 51 Frames and Perforated Grilles attached with screws. Frame Border is finished to match Grille Finish. ORDER BY DUCT SIZES and specify if Rubber Sealing Gasket is Required.

OVERLAP of Frame over Wall Surface1 1/4"
Depth of Turned-Back Edge of Frame Border .. 1/4"
Width of Face of Outer Frame Border 1 1/8"
Standard Length of Inside Leg of Frame1 3/4"

GRILLES for No. 51 FRAMES Must be so Specified to assure Perfect Fit.

Ducts should be built oversize to receive Frame Legs.

Special Allowance must be made in Duct Sizes of a Minimum of 3/8 inch oversize to accommodate No. 51 Frames when used with Floor Registers or Governair Registers.

LIST PRICES of No. 51 FRAMES

Duct Size Wide by High	No. 51			Duct Size Wide by High	No. 51			Duct Size Wide by High	No. 51		
	Metalac Prime or B. J.	White Oak Lacquered	Standard Plated Finish		Metalac Prime or B. J.	White Oak Lacquered	Standard Plated Finish		Metalac Prime or B. J.	White Oak Lacquered	Standard Plated Finish
6 x 4	\$1.05	\$1.20	\$1.85	18 x 10	\$1.80	\$2.10	\$3.55	26 x 12	\$2.35	\$2.75	\$4.75
6 x 6	1.10	1.25	2.00	18 x 12	1.95	2.25	3.80	26 x 14	2.50	3.00	5.20
8 x 4	1.10	1.25	1.90	18 x 14	2.10	2.45	3.95	26 x 16	2.60	3.10	5.30
8 x 5	1.15	1.30	1.95	18 x 16	2.15	2.55	4.30	26 x 18	2.75	3.25	5.50
8 x 6	1.20	1.35	2.10	18 x 18	2.25	2.65	4.65	28 x 4	2.10	2.35	3.55
8 x 8	1.25	1.45	2.25	20 x 4	1.60	1.80	2.70	28 x 5	2.10	2.40	3.70
10 x 4	1.20	1.35	2.05	20 x 5	1.70	1.90	2.90	28 x 6	2.15	2.50	4.00
10 x 5	1.25	1.40	2.10	20 x 6	1.75	1.95	3.15	28 x 8	2.25	2.60	4.30
10 x 6	1.30	1.45	2.20	20 x 8	1.80	2.10	3.50	28 x 10	2.35	2.75	4.75
10 x 8	1.35	1.55	2.35	20 x 10	1.95	2.25	3.80	28 x 12	2.50	2.95	5.05
10 x 10	1.45	1.65	2.65	20 x 12	2.10	2.45	4.05	28 x 14	2.60	3.10	5.30
12 x 4	1.25	1.40	2.15	20 x 14	2.15	2.55	4.30	28 x 16	2.75	3.25	5.50
12 x 5	1.30	1.45	2.30	20 x 16	2.25	2.65	4.65	28 x 18	2.90	3.40	5.70
12 x 6	1.35	1.55	2.35	20 x 18	2.35	2.80	4.90	30 x 4	2.15	2.45	3.70
12 x 8	1.45	1.65	2.55	20 x 20	2.50	3.00	5.20	30 x 5	2.20	2.50	3.90
12 x 10	1.55	1.75	2.85	22 x 4	1.70	1.90	2.90	30 x 6	2.25	2.60	4.20
12 x 12	1.65	1.85	3.15	22 x 5	1.80	2.05	3.10	30 x 8	2.35	2.75	4.55
14 x 4	1.35	1.50	2.30	22 x 6	1.85	2.10	3.35	30 x 10	2.50	2.95	4.95
14 x 5	1.40	1.60	2.40	22 x 8	1.95	2.25	3.75	30 x 12	2.60	3.05	5.25
14 x 6	1.45	1.65	2.55	22 x 10	2.10	2.45	4.05	30 x 14	2.75	3.25	5.50
14 x 8	1.55	1.70	2.70	22 x 12	2.15	2.55	4.30	30 x 16	2.90	3.40	5.70
14 x 10	1.65	1.85	3.15	22 x 14	2.25	2.65	4.65	30 x 18	3.10	3.60	6.45
14 x 12	1.75	2.05	3.35	22 x 16	2.35	2.80	4.90	34 x 6	2.50	2.90	4.70
14 x 14	1.85	2.10	3.60	22 x 18	2.50	3.00	5.20	34 x 8	2.60	3.00	5.00
16 x 4	1.45	1.60	2.45	24 x 4	1.80	2.05	3.10	34 x 10	2.75	3.25	5.50
16 x 5	1.50	1.70	2.55	24 x 5	1.90	2.15	3.25	34 x 12	2.90	3.40	5.70
16 x 6	1.55	1.75	2.70	24 x 6	1.95	2.25	3.55	34 x 14	3.10	3.60	6.45
16 x 8	1.60	1.85	2.95	24 x 8	2.10	2.45	3.95	34 x 16	3.25	3.80	6.90
16 x 10	1.70	2.00	3.30	24 x 10	2.15	2.50	4.20	34 x 18	3.45	4.00	7.40
16 x 12	1.80	2.10	3.60	24 x 12	2.25	2.65	4.45	36 x 4	2.50	2.90	4.65
16 x 14	1.95	2.25	3.80	24 x 14	2.35	2.75	4.75	36 x 6	2.60	3.00	4.90
16 x 16	2.10	2.45	4.05	24 x 16	2.50	3.00	5.20	36 x 8	2.70	3.15	5.15
18 x 4	1.50	1.70	2.50	24 x 18	2.60	3.10	5.30	36 x 10	2.80	3.30	5.60
18 x 5	1.60	1.80	2.70	26 x 4	1.95	2.20	3.35	36 x 12	2.90	3.55	6.45
18 x 6	1.65	1.85	2.90	26 x 5	2.00	2.30	3.50	36 x 14	3.25	3.80	6.90
18 x 8	1.70	1.95	3.25	26 x 6	2.05	2.40	3.75	36 x 16	3.45	4.00	7.40
				26 x 8	2.15	2.50	4.10	36 x 18	3.65	4.20	7.90
				26 x 10	2.25	2.65	4.45				

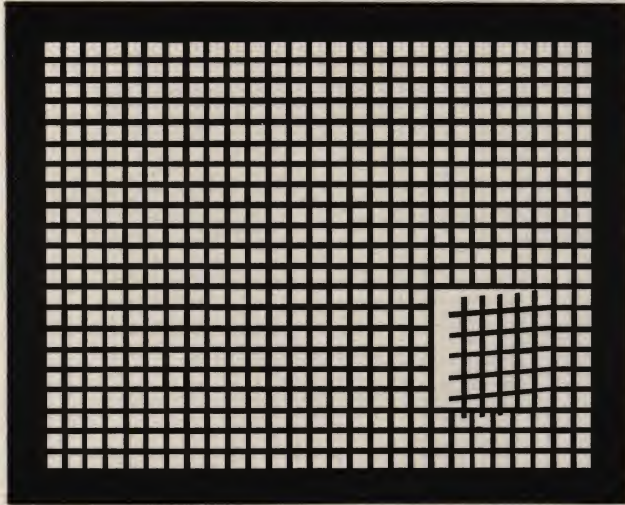
Specify No. 51 Frame by Duct Size. Grilles ordered with No. 51 will be trimmed as to Border Size to fit No. 51 Frame.



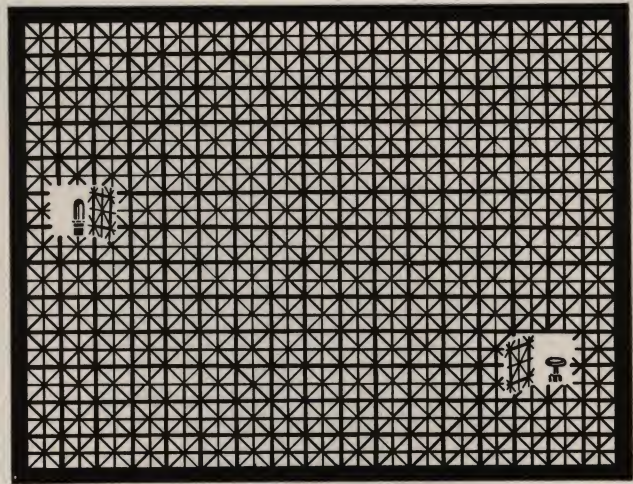
UNITED STATES REGISTER COMPANY

U. S. PERFORATED METAL GRILLES with Hand Doors

Workmanship is So Perfect that the Joint between Hand Door and Grille is Barely Visible. Specify Size and Location



Grille with One Hand Door



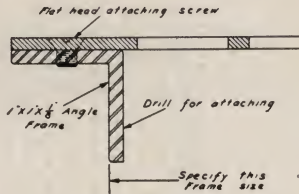
Grille with Two Hand Doors for Valve and Air Vent

IMPORTANT INFORMATION. METHODS OF INSTALLING PERFORATED STEEL GRILLES



Method No. 11

Grille attached to woodwork and overlapping opening.



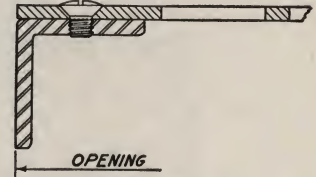
Method No. 12

Angle Frame. Leg of Frame inside of Duct.



Method No. 13

Similar to method No. 11, except grille is set flush in rabbeted woodwork.



Method No. 14

Angle Frame with Grille Edge Flush with Inside Angle Leg.



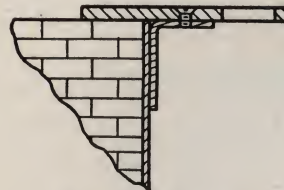
Method No. 15

Grille secured by moulding. This installation gives a panel effect.



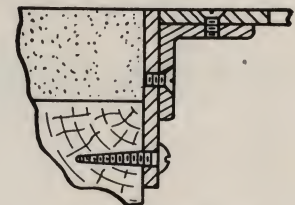
Method No. 16

Grille attached to marble with Z-clips. No drilling of marble required.



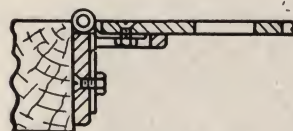
Method No. 17

Grille attached to steel band frame. Band frame extends into duct.



Method No. 18

Grille attached to band frame. Flush with surface. Grille can be removed without interfering with plaster.



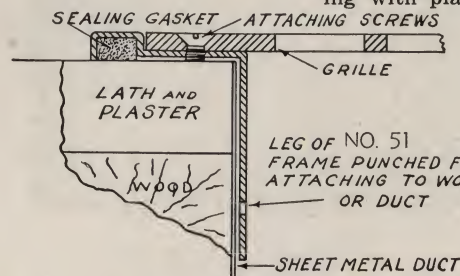
Method No. 19

Grille hinged to inside angle frame. Inside leg of angle screwed to woodwork.



Method No. 20

Grille set in outside angle frame by being attached to clips which are placed under heads of screws that hold frame in place.



Method No. 21

Showing No. 51 Frame with Flat Grille.

NO. 51 U. S. FRAME

Eliminates Plaster Stop Strip. Permits Removal of Grille without interfering with plaster. Recommended as the Latest and Most PRACTICAL ALL PURPOSE INSTALLATION FRAME for FLAT STEEL GRILLES. MADE of ROLL-FORMED COLD ROLLED STEEL.

UNITED STATES REGISTER COMPANY



U. S. PERFORATED METAL GRILLES HINGED TO METAL FRAMES

OUTSIDE ANGLE FRAME

Furnished Hinged to Outside Frame or Attached with Screws

This Assembly can be Preferably Furnished with No. 51 Frames (See Page 46).

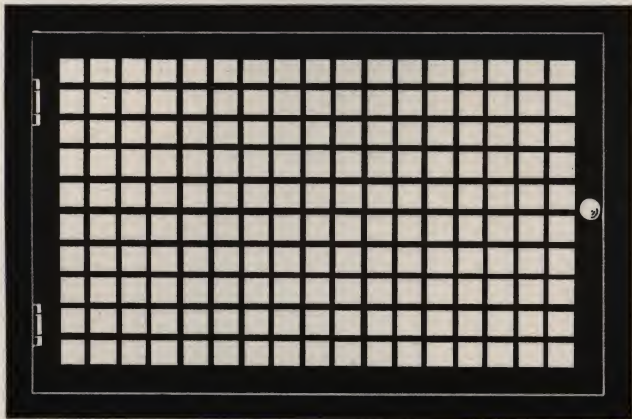


Illustration shows Steel Grille Hinged to an Outside Angle Iron Frame.

Grilles and Frames can be furnished also in USCO Bronze or Brass.

Grille, when closed, is held in place by Catch and sets flush with Frame.

Designate clearly if Hinges should be at Top or End.

SEE METHOD OF INSTALLING ANGLE FRAME on page 47.

Specify by actual size of Angle if other than 1 x 1 x 1/8 inch angle frame is required.

Also state specifically if angle iron stop-frame is required to be welded to outside Angle Frame.

If other than Snap Catch or Cupboard-Door Catch is required specify clearly.

State Definite Finish required on face of Frame if other than Black Japan, and if it should match Finish of Grille.

METAL GRILLES HINGED TO INSIDE ANGLE FRAME OR ATTACHED WITH SCREWS

Refer to page 47 and designate Method Number showing if Leg of Angle is Flush with extreme edge of Grille or with inside of Grille Opening. State clearly if Grille is to be hinged on top or side.

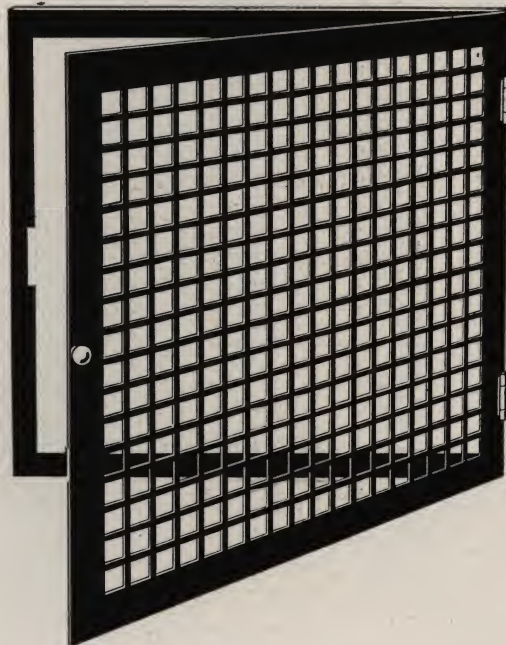
Illustrating Steel Grille Hinged to an Inside Frame which is concealed when Grille is closed and snapped to the Frame by an Approved Catch.

Grilles and Frames can be furnished in Steel, USCO Bronze or Brass. It is customary to use Steel Concealed Frames even with Bronze or Brass Grilles.

Grilles of any Designs may be hinged to Angle Frames.

The Same Construction of Frames may be used Less Hinges and Catches when Grilles may be attached to Frames with Flat Head or Round Head Screws as definitely must be specified when ordering.

The No. 51 U. S. Frame (Page 46) makes the most Practical and Economical Installation.



DAYLIGHT OR FREE AIR OPENING TABLE OF SQUARE LATTICE PERFORATED GRILLES

Designs AA-A-B-C

No. of Openings	STYLE AA 69% Opening 3/8-inch Mesh, 3/8-inch Bars Length of D.L. Opening in Inches	STYLE A 61% Opening 1/2-inch Mesh, 1/2-inch Bars Length of D.L. Opening in Inches	STYLE B 57% Opening 3/4-inch Mesh, 3/4-inch Bars Length of D.L. Opening in Inches	STYLE C 53% Opening 1/2-inch Mesh, 1/2-inch Bars Length of D.L. Opening in Inches	No. of Openings	STYLE AA 69% Opening 3/8-inch Mesh, 3/8-inch Bars Length of D.L. Opening in Inches	STYLE A 61% Opening 1/2-inch Mesh, 1/2-inch Bars Length of D.L. Opening in Inches	STYLE B 57% Opening 3/4-inch Mesh, 3/4-inch Bars Length of D.L. Opening in Inches	STYLE C 53% Opening 1/2-inch Mesh, 1/2-inch Bars Length of D.L. Opening in Inches
1	5/8	7/8	3/4	1/2	55	54 5/8	61 5/8	54 3/4	37 5/8
2	1 1/8	2	1 3/4	1 3/8	56	55 1/8	62 3/4	55 3/4	38 5/8
3	1 5/8	2 1/8	2 3/4	1 7/8	57	56 1/8	63 1/8	56 3/4	39
4	2 1/8	2 5/8	3 1/4	2 1/8	58	57 1/8	65	57 3/4	39 1/8
5	2 5/8	3 1/4	3 5/8	2 5/8	59	58 1/8	66 1/8	58 3/4	40 3/8
6	3 1/8	3 5/8	4 1/4	3 1/4	60	59 1/8	67 1/4	59 3/4	41 1/8
7	3 5/8	4 1/4	4 5/8	3 5/8	61	60 1/8	68 1/8	60 3/4	41 3/4
8	4 1/8	4 5/8	5 1/4	4 1/8	62	61 1/8	69 1/2	61 3/4	42 1/8
9	4 5/8	5 1/4	5 5/8	4 5/8	63	62 1/8	70 3/8	62 3/4	43 1/8
10	5 1/8	5 5/8	6 1/4	5 1/8	64	63 1/8	71 3/4	63 3/4	43 3/8
11	5 5/8	6 1/4	6 5/8	5 5/8	65	64 1/8	72 1/8	64 3/4	44 1/8
12	6 1/8	6 5/8	7 1/4	6 1/8	66	65 1/8	74	65 3/4	45 3/8
13	6 5/8	7 1/4	7 5/8	6 5/8	67	66 1/8	75 1/8	66 3/4	45 7/8
14	7 1/8	7 5/8	8 1/4	7 1/8	68	67 1/8	76 1/4	67 3/4	46 3/8
15	7 5/8	8 1/4	8 5/8	7 5/8	69	68 1/8	77 3/8	68 3/4	47 1/4
16	8 1/8	8 5/8	9 1/4	8 1/8	70	69 1/8	78 1/2	69 3/4	47 5/8
17	8 5/8	9 1/4	9 5/8	8 5/8	71	70 1/8	79 5/8	70 3/4	48 5/8
18	9 1/8	9 5/8	10 1/4	9 1/8	72	71 1/8	80 3/4	71 3/4	49 5/8
19	9 5/8	10 1/4	10 5/8	9 5/8	73	72 1/8	81 7/8	72 3/4	50
20	10 1/8	10 5/8	11 1/4	10 1/8	74	73 1/8	83	73 3/4	50 1/8
21	10 5/8	11 1/4	11 5/8	10 5/8	75	74 1/8	84 1/8	74 3/4	51 3/8
22	11 1/8	11 5/8	12 1/4	11 1/8	76	75 1/8	85 1/4	75 3/4	52 1/8
23	11 5/8	12 1/4	12 5/8	11 5/8	77	76 1/8	86 3/8	76 3/4	52 3/4
24	12 1/8	12 5/8	13 1/4	12 1/8	78	77 1/8	87 1/2	77 3/4	53 7/8
25	12 5/8	13 1/4	13 5/8	12 5/8	79	78 1/8	88 5/8	78 3/4	54 1/8
26	13 1/8	13 5/8	14 1/4	13 1/8	80	79 1/8	89 3/4	79 3/4	54 5/8
27	13 5/8	14 1/4	14 5/8	13 5/8	81	80 1/8	90 7/8	80 3/4	55 1/2
28	14 1/8	14 5/8	15 1/4	14 1/8	82	81 1/8	92	81 3/4	56 3/8
29	14 5/8	15 1/4	15 5/8	14 5/8	83	82 1/8	93 1/8	82 3/4	56 7/8
30	15 1/8	15 5/8	16 1/4	15 1/8	84	83 1/8	94 1/8	83 3/4	57 1/8
31	15 5/8	16 1/4	16 5/8	15 5/8	85	84 1/8	95 3/8	84 3/4	58 1/4
32	16 1/8	16 5/8	17 1/4	16 1/8	86	85 1/8	96 1/2	85 3/4	58 5/8
33	16 5/8	17 1/4	17 5/8	16 5/8	87	86 1/8	97 5/8	86 3/4	59 5/8
34	17 1/8	17 5/8	18 1/4	17 1/8	88	87 1/8	98 3/4	87 3/4	60 5/8
35	17 5/8	18 1/4	18 5/8	17 5/8	89	88 1/8	99 7/8	88 3/4	61
36	18 1/8	18 5/8	19 1/4	18 1/8	90	89 1/8	101	89 3/4	61 1/8
37	18 5/8	19 1/4	19 5/8	18 5/8	91	90 1/8	102 1/8	90 3/4	62 3/8
38	19 1/8	19 5/8	20 1/4	19 1/8	92	91 1/8	103 1/4	91 3/4	63 1/8
39	19 5/8	20 1/4	20 5/8	19 5/8	93	92 1/8	104 3/8	92 3/4	63 3/4
40	20 1/8	20 5/8	21 1/4	20 1/8	94	93 1/8	105 1/2	93 3/4	64 7/8
41	20 5/8	21 1/4	21 5/8	20 5/8	95	94 1/8	106 5/8	94 3/4	65 1/8
42	21 1/8	21 5/8	22 1/4	21 1/8	96	95 1/8	107 3/4	95 3/4	65 5/8
43	21 5/8	22 1/4	22 5/8	21 5/8	97	96 1/8	108 7/8	96 3/4	66 1/2
44	22 1/8	22 5/8	23 1/4	22 1/8	98	97 1/8	110	97 3/4	67 3/8
45	22 5/8	23 1/4	23 5/8	22 5/8	99	98 1/8	111 1/8	98 3/4	67 7/8
46	23 1/8	23 5/8	24 1/4	23 1/8	100	99 1/8	112 1/4	99 3/4	68 9/8
47	23 5/8	24 1/4	24 5/8	23 5/8	101	100 1/8	113 3/8	100 3/4	69 1/4
48	24 1/8	24 5/8	25 1/4	24 1/8	102	101 1/8	114 1/2	101 3/4	69 5/8
49	24 5/8	25 1/4	25 5/8	24 5/8	103	102 1/8	115 5/8	102 3/4	70 5/8
50	25 1/8	25 5/8	26 1/4	25 1/8	104	103 1/8	116 3/4	103 3/4	71 5/8
51	25 5/8	26 1/4	26 5/8	25 5/8	105	104 1/8	117 7/8	104 3/4	72
52	26 1/8	26 5/8	27 1/4	26 1/8	106	105 1/8	119	105 3/4	72 1/8
53	26 5/8	27 1/4	27 5/8	26 5/8	107	106 1/8	120 1/8	106 3/4	73 3/8
54	27 1/8	27 5/8	28 1/4	27 1/8	108	107 1/8	121 1/4	107 3/4	74 1/8

The table on this page is very convenient when determining the border width or extreme size of grille required with given daylight or duct size.

Be sure to designate sizes with Free Air Openings that will cover Duct or Wall Opening sizes.

AND DEFINITELY DESIGNATE OVERALL SIZES.



UNITED STATES REGISTER COMPANY

FREE AIR OPENING TABLES OF STYLES J (Shell Design) K (Bisected Shell Design) and Q (Gothic Design)

Style of Unit	DAYLIGHT OPENINGS Style "J" Grilles		DAYLIGHT OPENINGS Style "K" Grilles		DAYLIGHT OPENINGS Style "Q" Grilles	
	Width	Height	Width	Height	Width	Height
1	2 1/2	2 5/8	2 1/2	1 3/4	2	2 1/8
2	3 1/8	4 3/8	4	3 3/4	3	3 1/8
3	5 3/8	6 1/8	5 1/2	5 3/4	4	4 3/8
4	6 3/8	7 1/8	7	7 3/4	5	5 1/4
5	8 1/4	9 1/8	8 1/2	9 3/4	6	6 3/8
6	9 1/8	11 1/8	10	11 3/4	7	7 3/8
7	11 1/8	13 1/8	11 1/2	13 3/4	8	8 7/8
8	12 1/8	15 1/8	13	15 3/4	9	9 1/2
9	14	17 1/8	14 1/2	16 3/4	10	10 9/16
10	15 7/8	19 3/8	16	18 3/4	11	11 5/8
11	16 7/8	21 1/8	17 1/2	20 3/4	12	12 1/2
12	18 5/8	22 1/8	19	22 3/4	13	13 3/4
13	19 3/4	24 1/8	20 1/2	24 3/4	14	14 5/8
14	21 3/8	26 1/8	22	26 3/4	15	15 7/8
15	22 5/8	28 1/8	23 1/2	28 3/4	16	16 5/8
16	24 1/8	30 7/8	25	30 3/4	17	17
17	25 1/2	32 5/8	26 1/2	31 3/4	18	18 1/8
18	26 5/8	34 3/8	28	33 3/4	19	19 1/8
19	28 3/8	36 1/8	29 1/2	35 3/4	20	20 3/8
20	29 5/8	37 1/8	31	37 3/4	21	21 1/4
21	31 1/4	39 1/8	32 1/2	39 3/4	22	22 5/8
22	32 1/8	41 1/8	34	41 3/4	23	23 3/8
23	34 1/8	43 1/8	35 1/2	43 3/4	24	24 7/8
24	35 1/8	45 1/8	37	45 3/4	25	25 1/2
25	37	47 1/8	38 1/2	46 3/4	26	26 5/8
26	38 7/8	49 1/8	40	48 3/4	27	27 5/8
27	39 7/8	51 1/8	41 1/2	50 3/4	28	28 1/2
28	41 5/8	52 1/8	43	52 3/4	29	29 3/4
29	42 3/4	54 1/8	44 1/2	54 3/4	30	30 5/8
30	44 3/8	56 1/8	46	56 3/4	31	31 7/8
31	45 5/8	58 1/8	47 1/2	58 3/4	32	32 5/8
32	47 1/8	60 1/8	49	60 3/4	33	33
33	48 1/2	62 1/8	50 1/2	61 3/4	34	34 1/8
34	49 1/8	64 1/8	52	63 3/4	35	35 1/8
35	51 3/8	66 1/8	53 1/2	65 3/4	36	36 3/8
36	52 1/8	67 1/8	55	67 3/4	37	37 1/4
37	54 1/4	69 1/8	56 1/2	69 3/4	38	38 5/8
38	55 1/8	71 1/8	58	71 3/4	39	39 3/8
39	57 1/8	73 1/8	59 1/2	73 3/4	40	40 7/8
40	58 1/8	75 1/8	61	75 3/4	41	41 1/2
41	60	77 1/8	62 1/2	76 3/4	42	42 3/8
42	61 7/8	79 1/8	64	78 3/4	43	43 5/8
43	62 7/8	81 1/8	65 1/2	80 3/4	44	44 1/2
44	64 3/8	82 1/8	67	82 3/4	45	45 3/4
45	65 3/4	84 1/8	68 1/2	84 3/4	46	46 5/8
46	67 3/8	86 1/8	70	86 3/4	47	47 7/8
47	68 3/8	88 1/8	71 1/2	88 3/4	48	48 5/8
48	70 1/8	90 1/8	73	90 3/4	49	49
49	71 1/2	92 1/8	74 1/2	91 3/4	50	50 1/8
50	72 1/8	94 1/8	76	93 3/4	51	51 1/8
51	74 3/8	96 1/8	77 1/2	95 3/4	52	52 3/8
52	75 1/8	97 1/8	79	97 3/4	53	53 1/4
53	77 1/4	99 1/8	80 1/2	99 3/4	54	54 5/8
54	78 1/8	101 1/8	82	101 3/4	55	55 3/8
55	80 1/8	103 1/8	83 1/2	103 3/4	56	56 7/8
56	81 1/8	105 1/8	85	105 3/4	57	57 1/2
57	83	107 1/8	86 1/2	106 3/4	58	58 9/16
58	84 7/8	109 1/8	88	108 3/4	59	59 5/8
59	85 7/8	111 1/8	89 1/2	110 3/4	60	60 1/2
60	87 5/8	112 1/8	91	112 3/4	61	61 3/4
61	88 3/4	114 1/8	92 1/2	114 3/4	62	62 5/8
62	90 3/8	116 1/8	94	116 3/4	63	63 7/8
63	91 5/8	118 1/8	95 1/2	118 3/4	64	64 15/16
64	93 1/8	120 1/8	97	120 3/4	65	65
65	94 1/2	122 1/8	98 1/2	121 3/4	66	66 1/8
66	95 1/8	124 1/8	100	123 3/4	67	67 1/4
67	97 3/8	126 1/8	101 1/2	125 3/4	68	68 3/8

The table on this page is very convenient when determining the border width or extreme size of grille required with given daylight opening.



UNITED STATES REGISTER COMPANY

FREE AIR OPENING TABLES OF STYLES D AND E (Union Jack) DESIGNS

STYLES F— $\frac{7}{8}$ " Diagonal Square Mesh $\frac{1}{4}$ " Bars: H— $\frac{1}{2}$ " Diagonal Square Mesh $\frac{3}{16}$ " Bars.

Design D—3-inch Basic Square $\frac{5}{8}$ Bars—47% Free Opening Length of Daylight Opening				Design E—3½-inch Basic Square $\frac{5}{8}$ Bars—52% Free Opening Length of Daylight Opening			Style F, $\frac{7}{8}$ " Diagonal Sq. Mesh $\frac{1}{4}$ " Bars		Style H $\frac{1}{2}$ " Diagonal Sq. Mesh $\frac{3}{16}$ " Bars	
No. of Basic Squares	$\frac{5}{8}$ -Inch	$\frac{3}{4}$ -Inch	$\frac{7}{8}$ -Inch	$\frac{5}{8}$ -Inch	$\frac{3}{4}$ -Inch	$\frac{7}{8}$ -Inch	No. of Holes	Length of D.L. Opening in Inches	No. of Holes	Length of D.L. Opening in Inches
1	3	3	3	3½	3½	3½	3	2¾	3	1⅝
2	6⅝	6⅜	6⅞	7⅝	7⅜	7⅞	5	4⅜	5	2⅜
3	9⅝	9¾	9⅞	11⅝	11¼	11⅜	7	6	7	3⅞
4	12⅝	13⅞	13⅝	14⅝	15⅞	15⅝	9	7⅝	9	4⅞
5	16¼	16½	16¾	18¾	19	19¼	11	9¼	11	5½
6	19⅞	19⅞	20⅞	22⅞	22⅞	23⅞	13	10⅞	13	6⅞
7	22⅞	23¼	23⅝	26⅞	26¾	27⅞	15	12½	15	7⅞
8	26⅞	26⅝	27⅞	30⅞	30⅝	31⅞	17	14⅞	17	8⅞
9	29½	30	30½	34	34½	35	19	15¾	19	9⅞
10	32⅞	33⅞	33⅝	37⅞	38⅞	38⅝	21	17⅞	21	10⅞
11	36⅞	36¾	37⅞	41⅞	42¼	42⅞	23	19	23	11⅞
12	39⅞	40⅞	40⅝	45⅞	46⅞	46⅝	25	20⅝	25	12⅞
13	42¾	43½	44¼	49¼	50	50¾	27	22¼	27	13¼
14	46⅞	46⅞	47⅞	53⅞	53⅞	54⅞	29	23⅞	29	14⅞
15	49⅞	50¼	51⅞	56⅞	57¾	58⅞	31	25½	31	15⅞
16	52⅞	53⅞	54⅞	60⅞	61⅞	62⅞	33	27⅞	33	16⅞
17	56	57	58	64½	65½	66½	35	28⅞	35	17⅞
18	59⅞	60⅞	61⅞	68⅞	69⅞	70⅞	37	30⅞	37	18⅞
19	62⅞	63¾	64⅞	72⅞	73¼	74⅞	39	32	39	19⅞
20	65⅞	67⅞	68⅞	75⅞	77⅞	78⅞	41	33⅞	41	20⅞
21	69¼	70½	71¾	79¾	81	82¼	43	35¼	43	21
22	72⅞	73⅞	75⅞	83⅞	84⅞	86⅞	45	36⅞	45	22
23	75⅞	77¼	78⅞	87⅞	88¾	90⅞	47	38½	47	22⅞
24	79⅞	80⅞	82⅞	91⅞	92⅞	94⅞	49	40⅞	49	29⅞
25	82½	84	85½	95	96½	98	51	41¾	51	24⅞
26	85⅞	87⅞	88⅞	98⅞	100⅞	101⅞	53	43⅞	53	25⅞
27	89⅞	90¾	92⅞	102⅞	104¼	105⅞	55	45	55	26⅞
28	92⅞	94⅞	95⅞	106⅞	108⅞	109⅞	57	45⅞	57	27⅞
29	95¾	97½	99¼	110¼	112	113¾	59	48¼	59	28¾
30	99⅞	100⅞	102⅞	114⅞	115⅞	117⅞	61	49⅞	61	29⅞
31	102⅞	104¼	106⅞	117⅞	119¾	121⅞	63	51½	63	30⅞
32	105⅞	107⅞	109⅞	121⅞	123⅞	125⅞	65	53⅞	65	31⅞
33	109	111	113	125½	127½	129½	67	54¾	67	32⅞
34	112⅞	114⅞	116⅞	129⅞	131⅞	133⅞	69	56⅞	69	33⅞
35	115⅞	117¾	119⅞	133⅞	135¼	137⅞	71	58	71	34⅞
36	118⅞	121⅞	123⅞	136⅞	139⅞	141⅞	73	59⅞	73	35⅞

The table on this page is very convenient when determining the border width or extreme size of grille required with given daylight opening.

Be sure to designate sizes with Free Air Openings that will cover Duct or Wall Opening sizes.

AND DEFINITELY DESIGNATE OVERALL SIZES.

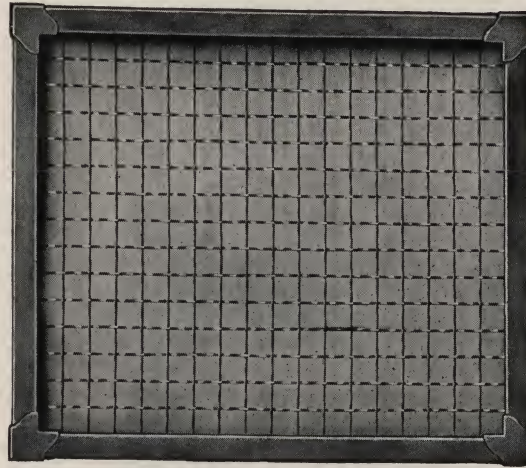


UNITED STATES REGISTER COMPANY

U. S. WIRE SCREENS

FOR SCHOOLS, CHURCHES AND PUBLIC BUILDINGS

Design No. 62



U. S. Wire Screen

Angle Iron Frame

Design No. 62 — Square Mesh, Round Wire, Angle Frame

LIST PRICES DESIGN No. 62

Size of Mesh in Inches	Gauge of Wire	Size of Frame in Inches	LIST PER SQUARE FOOT		
			Black	Oxidized Copper	Brushed Brass
2	No. 10	1 x 1	\$0.80	\$1.20	\$1.50
1½	No. 11	1 x 1	.90	1.40	1.75
1¼	No. 12	1 x 1	1.00	1.60	2.00
1	No. 13	1 x 1	1.10	1.75	2.50
¾	No. 14	1 x 1	1.20	1.90	3.00

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

If welded corners are required specify this when ordering.

DESIGN No. 58, SQUARE MESH, ROUND WIRE, CHANNEL FRAME, is exactly the same as above illustration (No. 62), excepting that it is made with CHANNEL IRON FRAME instead of Angle Iron Frame.

LIST PRICES DESIGN No. 58

Size of Mesh in Inches	Gauge of Wire	Size of Frame in Inches	LIST PER SQUARE FOOT		
			Black	Oxidized Copper	Brushed Brass
2	No. 10	1 x 1½	\$0.80	\$1.20	\$1.50
1½	No. 11	1 x 1½	.90	1.40	1.75
1¼	No. 12	1 x 1½	1.00	1.60	2.00
1	No. 13	1 x 1½	1.10	1.75	2.50
¾	No. 14	1 x 1½	1.20	1.90	3.00

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

IMPORTANT:

Always specify dimension of opening in which screen fits.

If no finish is specified, all screens will be finished in one Black Priming Coat.

Plain screens take same list as black.

UNITED STATES REGISTER COMPANY



U. S. WIRE SCREENS

FOR SCHOOLS, CHURCHES AND PUBLIC BUILDINGS

Design No. 61



U. S. Wire Screen

Angle Iron Frame

Design No. 61 — Diagonal Square Mesh, Round Wire, Angle Frame

Can be furnished with hinges and catches and hinged to angle iron frames if so required.

LIST PRICES DESIGN No. 61

Size of Mesh in Inches	Gauge of Wire	Size of Frame in Inches	LIST PER SQUARE FOOT		
			Black	Oxidized Copper	Other Plated Finishes except Chrome
2	No. 10	1 x 1	\$0.80	\$1.20	\$1.50
1½	No. 11	1 x 1	.90	1.40	1.75
1¼	No. 12	1 x 1	1.00	1.60	2.00
1	No. 13	1 x 1	1.10	1.75	2.50
¾	No. 14	1 x 1	1.20	1.90	3.00

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

If welded corners are required specify this when ordering.

DESIGN NO. 59, DIAGONAL SQUARE MESH, ROUND WIRE, CHANNEL FRAME, is exactly the same as the above illustration, excepting that it is made with Channel Iron Frame instead of Angle Iron Frame.

LIST PRICES DESIGN No. 59

Size of Mesh in Inches	Gauge of Wire	Size of Frame in Inches	LIST PER SQUARE FOOT		
			Black	Oxidized Copper	Other Plated Finishes except Chrome
2	No. 10	1 x ½	\$0.80	\$1.20	\$1.50
1½	No. 11	1 x ½	.90	1.40	1.75
1¼	No. 12	1 x ½	1.00	1.60	2.00
1	No. 13	1 x ½	1.10	1.75	2.50
¾	No. 14	1 x ½	1.20	1.90	3.00

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

IMPORTANT:

Always specify dimensions of opening in which screens fit.
 1" x 1" Angle Iron Frame Screens are regular.
 If 1¼" x 1¼" frames are required, add 5c net per lineal foot.
 If 1½" x 1½" frames are required, add 8c net per lineal foot.
 Regular frames have ornamental iron corners.
 If welded corners are required, add 60c net per screen.

Angle iron frames are drilled for wood screws, and if so desired, designate plainly size and location of holes and if countersunk.



UNITED STATES REGISTER COMPANY

U. S. WIRE SCREENS

FOR SCHOOLS, CHURCHES AND PUBLIC BUILDINGS

Design No. 55 — Square Mesh Center, Flat Twisted Wire,
Scroll Border, Angle Frame

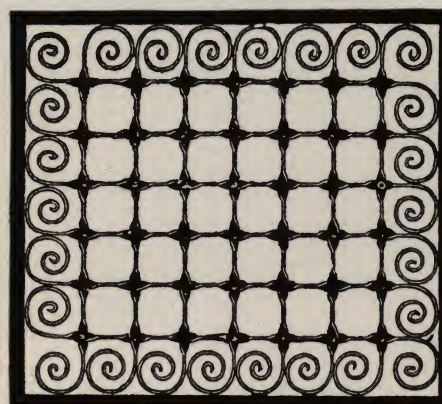
Design No. 55

LIST PRICES DESIGN No. 55

Size of Mesh in Inches	Size of Wire in Inches	Size of Frame in Inches	LIST PER SQUARE FOOT		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{5}{16} \times \frac{1}{16}$	1 x 1	\$1.85	\$2.55	\$3.05
1½	$\frac{5}{16} \times \frac{1}{16}$	1 x 1	2.50	3.20	3.70

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.



Design No. 52—Square Mesh, Flat Twisted Wire, Angle Frame

LIST PRICES DESIGN No. 52

Size of Mesh in Inches	Size of Wire in Inches	Size of Frame in Inches	LIST PER SQUARE FOOT		
			Black	Oxidized Copper	Brushed Brass
2	$\frac{5}{16} \times \frac{1}{16}$	1 x 1	\$1.40	\$2.00	\$2.50
1½	$\frac{5}{16} \times \frac{1}{16}$	1 x 1	1.80	2.50	3.00

Same as Design No. 55, but without Scroll Border.

Always specify dimensions of opening in which screen fits.

Designs 52 and 55 are not made with channel iron frames.

If no finish is specified, all screens will be finished in one Black Priming Coat.

Plain screens take same list as black.

Design No. 50—Square Mesh, Flat Wire, Channel Frame

Design No. 51—Square Mesh, Flat Wire, Angle Frame

LIST PRICES DESIGNS No. 50 and 51

Size of Mesh in Inches	Size of Wire in Inches	LIST PER SQUARE FOOT		
		Black	Oxidized Copper	Brushed Brass
2	$\frac{3}{16} \times \frac{1}{16}$	\$1.00	\$1.50	\$1.80
1½	$\frac{3}{16} \times \frac{1}{16}$	1.10	1.75	2.00
1¼	$\frac{3}{16} \times \frac{1}{16}$	1.25	1.95	2.50
1	$\frac{3}{16} \times \frac{1}{16}$	1.50	2.25	3.00

Prices on special finishes quoted on application.

Screens of less than 3 square feet take list of 3 square feet.

WINDOW GUARDS

Design No. 49—Diagonal Square Mesh, Round Wire, Round Iron Frame

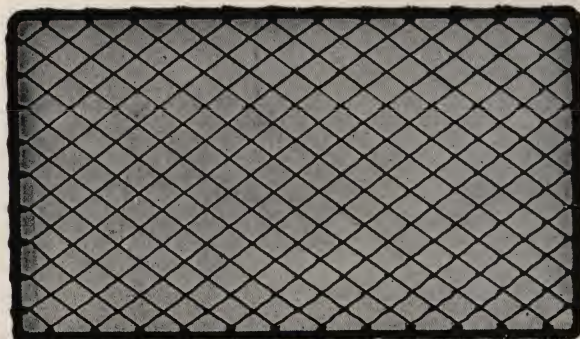
LIST PRICES DESIGN No. 49

Size of Mesh in Inches	Gauge of Wire	Size of Round Iron Frame in Inches	LIST PER SQUARE FOOT	
			Black	Galvanized
1½	No. 10	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ or $\frac{1}{2}$	\$0.50	\$0.55
1½	No. 12	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ or $\frac{1}{2}$	.45	.50
1¼	No. 14	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ or $\frac{1}{2}$	.50	.55

Quantity prices on application.

Screens of less than 3 square feet take list of 3 square feet.

All screens with round frames are in black unless otherwise specified. Some delay must be allowed on galvanized screens.



Window Guard

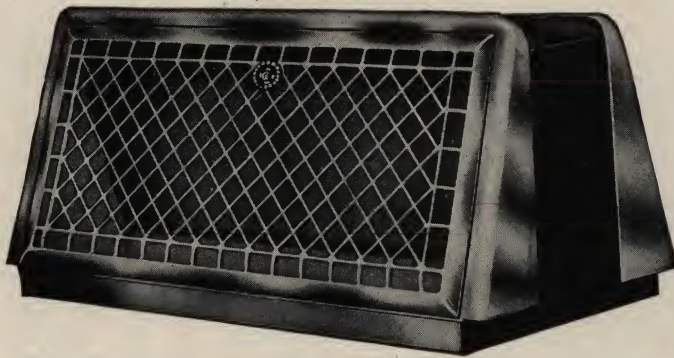
UNITED STATES REGISTER COMPANY



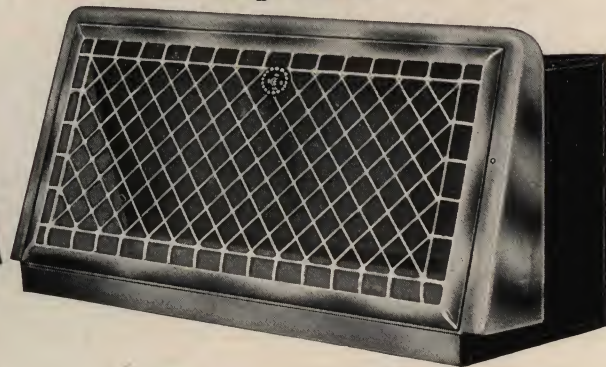
NATIONAL ONE-PIPE BASEBOARD REGISTERS

Complete with Double Metal Boxes

Double Header



Single Header



DOUBLE HEADER (TWO-WAY)

These are furnished complete with double metal register boxes which, in the case of double-header registers, are equipped with one dividing damper suspended from the lowest point of that part of top of box that forms the insulating protective section. This makes it easy to equally divide the warm-air supply or divert whatever portion is required through each or either side of the register. This arrangement is also a safeguard against the registers becoming completely closed and the circulation of air stopped. (This applies only to Double-Head NATIONAL ONE-PIPE REGISTERS.)

DOUBLE HEADER

LIST PRICES COMPLETE WITH BOXES, DAMPERS AND OPERATING DEVICES

Catalog Number	Size of Face Opening in Inches	Size of Boot Opening	Extension from Plaster	Black Japan	Lacquered Bronze and Oak	Plated Brass, Bronze, Nickel or Oxidized Copper	Sand-Plated and Chromium Nickel	Double Boxes Only
434	Two 16 x 12	14 in. x 17 in.	5 in.	\$17.00	\$18.60	\$20.00	\$21.50	\$ 7.00
454	Two 26 x 12	14 in. x 27 in.	5 in.	23.00	25.20	28.50	30.50	9.00
466	Two 32 x 12	14 in. x 33 in.	5 in.	29.00	31.80	37.00	39.00	11.00

Above list prices include two Register Faces with box, thus forming one complete National One-Pipe Register.

Boxes for National One-Pipe Register have a commodious air space in top for fire protection. To prevent mistakes, order by catalog number.

SINGLE HEADER (ONE-WAY)

LIST PRICES COMPLETE WITH BOX, DAMPER AND OPERATING DEVICE

Catalog Number	Size of Face Opening in Inches	Size of Boot Opening	Extension from Plaster	Black Japan	Lacquered Bronze and Oak	Plated Brass, Bronze, Nickel or Oxidized Copper	Sand-Plated and Chromium Nickel	Double Boxes Only
216	16 x 12	9 in. x 17 in.	5 in.	\$ 9.00	\$ 9.80	\$10.50	\$11.25	\$ 4.00
226	26 x 12	9 in. x 27 in.	5 in.	12.50	13.60	15.25	16.25	5.50
232	32 x 12	9 in. x 33 in.	5 in.	16.00	17.40	20.00	21.00	7.00

Above list includes one register face, damper and box complete, forming one complete National One-Pipe Register.

LIST PRICES OF COMPONENT PARTS OF NATIONAL ONE-PIPE REGISTER

Catalog No.	Size of Face in Inches	FACES				HANDLES ALL SIZES		Deflectors	Opg. Screws	Bolts and Springs
		Black Japan	Lacquered and Oak	Brass, Bronze, Nickel and Oxidized Copper	Sand-Plated and Chromium Nickel	Black Japan	Plated Ox. Cop. and Other Finishes			
1216	16 x 12	\$4.00	\$4.80	\$5.50	\$6.25	\$0.20	\$0.30	\$1.00	\$0.50	\$0.20
1226	26 x 12	5.50	6.60	8.25	9.25	.20	.30	2.00	.50	.20
1232	32 x 12	7.00	8.40	11.00	12.00	.20	.30	3.00	.50	.20

Order by catalog number.



UNITED STATES REGISTER COMPANY

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